COMPUTER SCIENCE

Canterbury
ACADEMIC EXCELLENCE AND INSPIRATIONAL TEACHING

Computer Science is an exciting and rapidly developing subject. At Kent, you can specialise in AI, consultancy or networks, spend a year in industry, or get creative in our Makerspace – all the time developing the skills that make you highly attractive to employers.

Our programmes are taught by leading researchers who are experts in their fields. You get a chance to study subjects in areas such as artificial intelligence, computer security, parallel systems, bio-inspired computing and mobile computing.

Other areas covered include software engineering, networking technology and human-computer interaction. You learn how to develop software, program mobile devices and discover the underlying protocols on which the internet runs.

The School of Computing is an internationally recognised Centre of Excellence for programming education and has won awards for its Java teaching. Within the School are authors of widely used textbooks and a National Teaching Fellow.

Teaching excellence
Kent has developed two leading object-oriented teaching environments for the Java programming language – BlueJ and Greenfoot. BlueJ, which is designed for university-level learners, has been used in over 1,000 institutions across the world, and has proved popular with our own students. Greenfoot is for school-level learners and has won an industry award. Our staff have also written internationally acclaimed textbooks for learning programming, which have been translated into eight languages and are used worldwide.

The School of Computing has been awarded the status of Centre of Excellence in Object-Oriented Programming and all of our courses also offer professional accreditation by BCS, the Chartered Institute for IT.

A member of our staff received the SIGCSE Award for an Outstanding Contribution to Computer Science Education. The award is made by ACM, the world’s largest educational and scientific computing society.

Wide-ranging courses
We offer a variety of Computer Science degree programmes. It is possible to switch between closely related programmes in the early parts of your course.

Within your degree, there is a wide range of modules. The first language you learn is Java, the standard programming language for many mobile devices and widely used in industry. You also learn other languages such as Erlang, JavaScript and PHP.
Industrial experience

During your degree, you can gain work experience with leading companies in the UK and overseas as part of a year in industry; staff in the School’s Placement Office provide support in both finding and securing placements. This experience means that after graduation many of our students go on to work for world-class businesses.

The School of Computing can also provide you with commercial experience working as a student consultant within the Kent IT Consultancy (KITC) and teaching experience in the Computing in the Classroom module.

A successful future

Our students go on to be very successful in the job market. We ensure they are equipped with the skills and knowledge employers want. The high employment levels and above average starting salaries of our graduates are testament to our success in achieving this.

We focus on courses that provide skills relevant to employers with a good balance between theoretical studies and real-life applications. We also give our students the chance to gain valuable work experience.

As well as providing a first-rate academic experience, we want you to be in a good position to face the demands of a competitive economic environment. During your studies, you develop key transferable skills considered essential for a successful career. For more information on the careers help we provide at Kent, go to p8 or visit www.kent.ac.uk/employability

World-leading research

In the most recent Research Excellence Framework, Kent was ranked 17th* for research intensity, outperforming 11 of the 24 Russell Group universities. The School of Computing also performed well: Computer Science was ranked 12th in the UK for research intensity, outperforming 13 Russell Group universities.

A global outlook

Kent has a reputation as the UK’s European university and has developed international partnerships with a number of prestigious institutions. We have an international community on campus: 42% of our academics come from outside the UK and our students represent 158 different nationalities.

Independent rankings

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<th>School of Computing</th>
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<td>The Guardian University Guide 2018</td>
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<tr>
<td>• 7th for graduate prospects</td>
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<tr>
<td>Destination of Leavers from Higher Education (DLHE)</td>
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<tr>
<td>• Of Computer Science students who graduated from Kent in 2015, 92% were in work or further study within six months. Of those who went into employment, 95% found professional jobs.</td>
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<th>University of Kent</th>
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<td>National Student Survey (NSS) 2016</td>
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<tr>
<td>• 1st in London and the south-east</td>
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<td>• 4th highest score for overall student satisfaction</td>
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<td>The Guardian University Guide 2018</td>
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<td>• 22nd in the UK</td>
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*of 122 universities, not including specialist institutions.
SCHOLARSHIPS ON OFFER
Scholarships at Kent are awarded on academic, sporting and musical merit. You may be eligible for our Academic Excellence Scholarship, for details see www.kent.ac.uk/scholarships/undergraduate
SUPERB STUDENT EXPERIENCE

Our campus at Canterbury provides a stunning location for your studies. Kent is also one of the best-equipped universities in the country.

Excellent computing facilities
At Canterbury, we have over 1,000 public computers for student use, many available 24 hours a day. All study bedrooms have free connections to the University network and the internet, and include free access to digital TV channels online (a TV licence is required), and access to telephone services for making cheap or free calls over the internet. Free wireless access points are also widely available across campus, enabling you to choose where and when you work. Course materials for all our modules are web-based and you can access these on campus or from home.

Makerspace – The Shed
The School of Computing’s Makerspace, known as ‘The Shed’, has 3D printers and laser cutters and development equipment such as the Oculus Rift and Raspberry Pi. It supports new kinds of innovative teaching and learning, taking advantage of the increasing accessibility of electronics and engineering with a rapid prototyping capability. Students and staff can use The Shed not only to build physical devices for taught modules, but also to support and develop their own personal interests and hobbies.

Excellent study support
We provide excellent support for you throughout your time at Kent. This includes access to web-based information systems, podcasts and web forums for students who can benefit from extra help. We use innovative teaching methodologies, including BlueJ for teaching Java programming. The library has extensive print and electronic collections. Our electronic resources are available online and can be used remotely as well as on campus.

Green and friendly campus
Our campus is set in a superb location on a hill overlooking Canterbury and the Cathedral. Built on 300 acres of parkland, it is surrounded by green open spaces, fields and woods. Everything you need on campus is within walking distance: the Gulbenkian Theatre and Cinema, the Colyer-Fergusson concert hall, the library, the medical centre and pharmacy, the campus shop and bookshop, a bank and cashpoints, café, bistros, bars, nightclub and launderettes. Our extensive sports facilities include a gym and cardio theatre, climbing wall, squash courts, a 3G artificial football pitch and a sports pavilion.

Kent is a friendly and supportive university with a cosmopolitan atmosphere and a diverse mix of people.

Attractive location
Canterbury city centre is a 25-minute walk or short bus ride away from the campus, with its medieval buildings, lively bars, pubs, restaurants and cafés, and a wide range of shops. The seaside town of Whitstable and beautiful countryside of the North Downs Way is close by. London is under an hour away by train.

www.cs.kent.ac.uk
Jamie Howard is in his final year studying Computer Science with a Year in Industry

Why did you choose to study at Kent?
I actually came here to study Maths and completed the first year but realised it wasn’t for me. Computer Science seemed like a good compromise: it had a lot of technical content, which I do enjoy, but with the year in industry you get to experience the real world and see theories being applied – that clinched it for me.

How is the course going?
Really well. The first two years were very good, and now I’m back for the final year. The step up in the intensity of the work is noticeable. The year in industry has helped prepare me for this; without it, I think this last year would be a struggle. But I feel much better at time management, keeping to deadlines and so on.

What’s the level of support like in your studies?
It’s excellent. In the first two years, I found lecturers to be very approachable and I often emailed for help and received prompt replies – even though I didn’t always send them in office hours. Now, in this last year, we work on a group project rather than a dissertation, and have weekly meetings with our supervisor; but they are available at other times too. I think none of the supervisors have more than a couple of projects each to look after, so they’re never swamped and are willing to help.

What is this project?
We’re building an Android app that tracks the buses on campus; then you can upload your own timetable of activities and work out your journeys. I think it has potential for Kent students and it would be great to see it go live.

How was your year in industry?
It was good – and different to what I expected. I was working with Accenture and had anticipated being given purely technical tasks, but in fact had a great diversity of roles – some involving things I’d never done before, including project management, which was very interesting and involved more ‘soft’ skills, such as dealing with people. It was quite a challenging year but I was always working alongside another team member so had good training. Projects I worked on with Accenture included six months with EDF Energy, which was hectic and intense, and two months with Discovery.

What kind of career do you hope to follow when you graduate?
I haven’t thought too much about specific industries I would like to go into. Most of my work at Accenture was with web development, which I really enjoyed. The app development I’m doing now is new to me so quite challenging, but enjoyable. I’m hoping that if I return to Accenture I will be able to give both things a try in the real world.

What’s the accommodation on campus like?
It’s very good. I lived in Park Wood for my first year and shared a five-bedroom house with students of roughly the same age and interests. We became good friends and I’ve gone on to rent with them off campus.

What are the facilities like on campus?
For work, because the library is being renovated, I tend to stay within the School of Computing. There’s lots of space around, everything is well-equipped and you can always find somewhere quiet when you need to concentrate. Socially there’s so much going on – more than enough, in fact! I wish I had more time to make use of it all.

What do you do in your spare time?
I work at a computer shop in Canterbury that specialises in Apple products, and I play drums in several bands, including the University’s Big Band.

Any advice for students coming to Kent?
People always say make the most of these years – and this is so true. It can seem daunting meeting so many new people and finding like-minded students, so I’d say definitely get involved in any societies that pique your interest.
Kent equips you with essential skills to give you a competitive advantage when it comes to getting a job. More than 96% of our 2016 graduates found a job or study opportunity within six months of graduation.

Our Computer Science graduates enjoy higher than average starting salaries and have launched their careers in many different sectors including finance and insurance, technology and IT, commerce, engineering, education, government and health.

Possible careers include:
• software engineering
• applications programming
• mobile applications development
• project management
• systems analysis
• consultancy
• networking
• research and development
• web design and e-commerce
• teaching and lecturing.

What do employers think?
Our high graduate employment rate speaks for itself. Leading companies, such as BAE Systems, Cisco, IBM, Sky, Citigroup and BT, are keen to employ our graduates. Many employers who provide placements for our students choose to offer them permanent jobs after graduation. This is a clear indication that employers are impressed with the calibre of our undergraduate students.

Work experience
Employers are very keen to employ graduates who already have work experience. Choosing to spend a year in industry can provide you with real commercial experience with leading companies in the UK, including Accenture, BT, GSK, IBM, Microsoft, Morgan Stanley and Warner Bros., or overseas with our placement partners in California and Hong Kong. Valuable consultancy skills can also be gained by choosing to work in the Kent IT Consultancy (KITC). Our consultancy modules allow you to gain academic credits while working on commercial projects with local companies. Students interested in a teaching career may be interested in the Computing in the Classroom module, which gives students the opportunity to apply their knowledge in a school setting.

Key skills
Studying for a degree is not just about mastering your subject area. These days employers are also looking for a range of key skills, and we encourage you to develop these within your degree programme. The ability to analyse situations, troubleshoot problems, and construct written and verbal presentations are all valuable skills, no matter what your final profession.

Careers advice
The University of Kent’s award-winning Careers and Employability Service can give you advice on how to choose your future career, how to apply for jobs, how to write a good CV and how to perform well in interviews and aptitude tests. It also provides up-to-date information on opportunities before and after you graduate. For more details, see www.kent.ac.uk/employability
Having completed her Computer Science with a Year in Industry degree, Channing Gardner is now looking forward to starting work at Microsoft.

What attracted you to Kent?
I visited Kent and liked the campus feel. I have always loved technology and I was interested to see what I could do with that, which led me to computer science. I went to a talk about the year in industry and all the opportunities Kent offers, so put Kent down as one of my choices.

How were your studies and what did you find interesting?
I enjoyed lots of modules but my top ones were in web and databases. I liked the level of creativity they allowed and that you gained very marketable skills. Website design is a skill that I loved learning and it is now proving really useful. Also, you can choose wild modules, so I took computer graphics and animation, which was amazing.

We learnt about the hardware and software aspects of computing, which allows you to put things into a context and helps you make sense of them. I got practical experience as well as theoretical knowledge.

Also, the facilities are really good. Makerspace allows us to do literally anything – I’ve seen people building all sorts of things. We also have our own computer lab; the facilities are great – one of the biggest selling points actually.

Were you able to pursue your own interests?
Yes, absolutely. My main passion is in the creative design side of things. I am interested in animation, media and virtual reality and I was able to select modules in those areas.

What about your fellow students?
Everyone was cool. There is a lot of teamwork, which created a camaraderie among us and we helped each other.

Did your degree change you?
It gave me a new perspective on the way technology impacts the world around me. My degree gave me confidence and put me in a good place when looking at future careers – every business needs IT professionals. We were told there was no limit to what we can do and that has given me faith in my employability.

Did you enjoy your time at Kent?
They were some of the best years I’ve had. I loved the independence. I could work, learn and play in my own time. You are with people of your own age, but a really diverse set of people, and that is one of the best things about university.

Memories include Fresher’s Week – hilarious and amazing – and the summer balls, brilliant end-of-year showcases, where everyone was chilled after their exams. Some of my happiest memories are from those summer balls. I’m glad I went to Kent; I had a great time.

What careers advice did you receive?
Lots, including how to react on an assessment day, how to market your skills, how to work with colleagues in a team and how to deal with different personalities such as introverts and extroverts. And we had mock scenarios which were really helpful.

In what way has your degree helped you find work?
I think my placement at Cisco has been a springboard for me. When I am asked in interviews about my experience I can talk about that. My time at Kent has helped me to that first step and I have now secured a graduate role at Microsoft. I start in September and I am really excited about it.

What are your plans for the future?
Obviously, I want to see where I can go with Microsoft. Eventually, I would love to work in virtual reality and perhaps get involved with app development. Ultimately, my dream would be to start my own business.

What advice would you give to prospective students?
Jump into everything, all the societies. Pick modules that you are passionate about. Hang out in the School of Computing and chat with people from other years because you can get some really great mentors who will help you with your studies.
Computer Science

```python
mirror_mod.mirror_object

operation = "MIRROR_X":
mirror_mod.use_x = True
mirror_mod.use_y = False
mirror_mod.use_z = False

operation = "MIRROR_Y":
mirror_mod.use_x = False
mirror_mod.use_y = True
mirror_mod.use_z = False

operation = "MIRROR_Z":
mirror_mod.use_x = False
mirror_mod.use_y = False
mirror_mod.use_z = True

@selection at the end -add
bpy.ops.object.select_all(action='DESELECT')

mirror_mod.use_x = True
mirror_mod.use_y = False
mirror_mod.use_z = False

context.scene.objects.active

("Selected" + str(modifier.name))

mirror_mod.use_x = True
mirror_mod.use_y = False
mirror_mod.use_z = False

print("please select exactly")

--- OPERATOR CLASSES ---

types.Operator:

X mirror to the selected object.mirror_mirror_x" mirror

context.active_object is not
```
CHOOSING YOUR PROGRAMME

All our degrees use Java and equip you with programming, modelling and design skills. A year in industry option is available with all the degrees offered by the School of Computing.

To make sure you choose the right degree, we give you the freedom to switch between closely related courses in the early stages of your studies. All the programmes listed in this brochure are based at the Canterbury campus. Computing, Computer Science for Health, and Business Information Technology programmes are available at the Medway campus, please see our website for further details www.cs.kent.ac.uk

Computer Science

Our Computer Science degrees focus on the technical aspects of computing. We offer Computer Science as a ‘general’ degree and as a ‘themed’ degree.

• With the general degree in Computer Science you take a broad range of compulsory modules in your first and second years and can select from a variety of options in your final year of study. If you want to keep your options open, then the general form of the degree is for you.

• The themed degree is based on the general degree but has a subject focus and this appears in the degree title. We offer three themed degrees:
  • Artificial Intelligence
  • Consultancy
  • Networks.

Themed degrees give you a choice of module options in the final year with the compulsory modules providing the focus of the subject. Having a themed degree on your CV identifies you as having greater knowledge in a particular area, and this may give you an advantage when you look for work after graduation. If you have a special interest that you would like to pursue, then a themed degree is for you.

Computer Science

www.kent.ac.uk/ug/124

This general degree covers the compulsory subjects of program design and implementation using Java, and software engineering, as well as offering a broad range of computer science topics including operating systems, computer architectures, computer security, concurrent programming, theory, databases and the web.

Computer Science (Artificial Intelligence)

www.kent.ac.uk/ug/129

This degree covers the compulsory elements of Computer Science as well as a broad range of Artificial Intelligence (AI) techniques, including neural networks and evolutionary algorithms, which draw on philosophy and psychology.

Computer Science (Consultancy)

www.kent.ac.uk/ug/158

This degree covers the compulsory elements of Computer Science and offers practical consultancy work as a student consultant in Kent IT Consultancy (KITC). Registration on this programme does not guarantee a place as a consultant in the KITC (see p15). If you are not selected for the KITC, your degree title will be Computer Science.

Computer Science (Networks)

www.kent.ac.uk/ug/168

This degree covers the compulsory elements of Computer Science and looks at computer systems, communication, security and cryptography.

International students

If you are applying from outside the UK without the necessary English language qualifications, you may be able to take the Kent International Foundation Programme (IFP). Passing the Kent IFP at the standard required by the academic school administering your main degree programme guarantees you entry on to the first year of the degree programmes listed here. For more details, see www.kent.ac.uk/ifp
YOUR STUDY PROGRAMME

Your study is divided into three stages. At Stage 1, you learn how to program in an object-oriented language. At Stage 2, you further develop your programming skills and at Stage 3, your final year, you are able to specialise in areas of particular interest to you.

Teaching and assessment
Each stage comprises eight modules, four in each teaching term. Each module has two lectures and one to two hours of classes, making 14 formal contact hours per week and eight hours of ‘homework club’ drop-in sessions each term.

The marks from Stage 1 do not go towards your final degree grade, but you must pass to continue to Stage 2. If you choose to do the year in industry, your marks from Stage 1 are used by employers to assess your suitability for a placement.

Most Stage 2 modules are assessed by coursework and end-of-year examination. Marks from Stage 2 count towards your degree result.

Most Stage 3 modules are assessed by a combination of coursework and end-of-year examination. All students complete a project, which is assessed by your individual contribution to the final project, the final report, an oral presentation and a viva examination. Your project counts for 25% of the year’s marks. Marks from Stage 3 count towards your degree result.

Module information
Please note, this list of modules is not fixed as new modules are always in development and choices are updated yearly. Please see our website – www.kent.ac.uk/ug – for the most up-to-date information.

To read a full description of any of the modules listed, go to www.kent.ac.uk/courses/modules and search for the module code.

Stage 1
You take:
- Computer Systems (CO324)
- Databases and the Web (CO323)
- Foundations of Computing 1 (CO322)
- Foundations of Computing 2 (CO325)
- Introduction to Object-Oriented Programming (CO320)
- Further Object-Oriented Programming (CO520)
- Human Computer Interaction (CO328)
- People and Computing (CO334)
Stage 2
Compulsory modules
Each degree has specific modules that students on that programme take. These are as follows:

Computer Science
- Algorithms, Correctness and Efficiency (CO518)
- Database Systems (CO532)
- Functional and Concurrent Programming (CO545)
- Operating Systems and Architecture (CO527)
- Software Engineering (CO510)
- Theory of Computing (CO519)
- Web Development (CO539)

Computer Science (Artificial Intelligence)
- Algorithms, Correctness and Efficiency (CO518)
- Database Systems (CO532)
- Functional and Concurrent Programming (CO545)
- Introduction to Intelligent Systems (CO528)
- Software Engineering (CO510)
- Theory of Computing (CO519)
- Web Development (CO539)

Computer Science (Consultancy)
- Algorithms, Correctness and Efficiency (CO518)
- Database Systems (CO532)
- Introduction to Marketing (CB370)
- Operating Systems and Architecture (CO527)
- Software Engineering (CO510)
- Theory of Computing (CO519)
- Web Development (CO539)

CONTINUED OVERLEAF
Stage 3

Everyone takes a project module on a topic of their choice. This may be a group project, an individual research project or an IT consultancy project.

Modules for all degrees

- Group Project (CO600) or Research Project (CO620) or IT Consultancy Project (CO650)

Optional modules

All programmes include optional computing modules.

Optional modules currently include, but are not limited to:

- Cognitive Neural Networks (CO636)
- Computational Creativity (CO659)
- Computer Graphics and Animation (CO641)
- Computer Networks and Communications (CO633)
- Computer Security and Cryptography (CO634)
- Computing in the Classroom (CO646)
- Computing Law and Professional Responsibility (CO643)
- Corporate and Business Strategy (CB679)
- Data Mining and Knowledge Discovery (CO832)
- Embedded Computer Systems (EL667)
- Image Analysis and Applications (EL561)
- Internet of Things (CO657)
- Introduction to Intelligent Systems (CO528)
- IT Consultancy Practice 2 (CO645)
- Natural Computation (CO637)
- New Enterprise Development (CB612)
- Strategic Human Resource Management (CB684)
- Philosophy of Cognitive Science and Artificial Intelligence (PL583)
- Programming Language Implementation (CO658)
- Service Management (CB520).

Further options in business or philosophy are available for students following the consultancy or artificial intelligence themes.
All of our degrees give you the opportunity to apply to work as a student consultant with our Kent IT Consultancy (KITC) at Stage 3.

What is KITC?
KITC provides a project-based consultancy service to small businesses in Kent. Current students provide the consultancy work under the guidance of dedicated professional IT staff employed by the University.

Student consultants gain academic credit for the work they do, which counts towards their degree. In the past five years, more than 100 students have worked in the KITC as student consultants and over 60 consultancy projects have been successfully completed.

How can KITC help me?
Working for KITC can significantly improve your employment prospects. It gives you real work experience, which is invaluable to future employers. Also, when applying for jobs, it gives you the edge over other graduates who have not had this opportunity.

You can try out different aspects of IT consultancy work while still a student and find out what you like to do best, helping you to plan your career.

How do I become a student consultant in KITC?
You do not need any previous experience as a consultant but you do need to have successfully completed the relevant stages of your degree. You also need to demonstrate a keen interest in IT and have an aptitude for consultancy work. There are limited places available in KITC and you are required to go through an application process including an interview to compete for a role in KITC.

As a student consultant, you work at the University and take the consultancy modules as part of your degree. It is different from the year in industry, where you spend an additional year away from the University on placement.

What help is provided?
KITC is directed by a team of professional consultants with a detailed knowledge of the consultancy business. They help and support you through all stages of the process, supporting your relationship with the customer, the consultancy work that you do, and providing coaching and mentoring to help your career development and planning.

You are also assigned an academic supervisor to help with the academic aspects of the KITC experience.
Every year, over 100 Kent computing students choose to do a year in industry between Stages 2 and 3. Here, we describe how you find a placement and outline the benefits, while below our students tell you their year-in-industry highlight.

**Career and study benefits**

Employers are very keen to employ graduates who already have work experience. The year in industry can greatly enhance your job prospects by providing you with real commercial experience. It also allows you to evaluate a career path, and gain knowledge of the working environment. If your placement is a success, you may even be offered a job with the same employer after graduation.

The practical experience also improves your skills in many areas. This means it will be useful during your final year of study, helping you to gain a better degree.

**Finding a placement**

Our students have been on placements with leading companies in the UK, such as BT, the Bank of England, IBM, Intel, Microsoft, Morgan Stanley, Red Bull Racing and Sky. Some of our students go overseas to the US and Hong Kong. There are frequent visits to the University by companies who present placement opportunities and interview candidates.

The School has a Placement Office, with a team dedicated to helping you to secure the right placement. They also give advice on placements that are likely to enhance your career prospects, help you to write a winning CV and hone your interview skills. They maintain close contact with you during your year away to give you support during your placement.

**Salary and benefits**

Students usually work for an entire calendar year. Salary and holiday entitlements vary according to the employer you work for. Many students find that they earn enough

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**WHAT OUR STUDENTS SAY**

**Defence**

‘Working alongside smart scientists I helped develop open-source visualisation systems for intuitive use.’ Oliver, Plymouth Marine Laboratory

‘Working on nuclear submarine software was amazing, and the perfect start to my career in the defence industry.’ Akshay, defence company

**Research**

‘I’ve learnt a lot writing software integrating with the SCADA system at Diamond Light Source. It’s not every day you get to work on a particle accelerator!’ Ed, Diamond Light Source

‘I love my job at the Bank of England – it’s weird to see someone that makes headline news in the office canteen!’ Jessica, Bank of England

**Finance**

‘Hong Kong is an awesome place and working at the heart of the Asian financial markets was a fantastic experience.’ Oscar, HSBC (HK)

*I love my job at the Bank of England – it’s weird to see someone that makes headline news in the office canteen!* Jessica, Bank of England

**Local government**

‘I loved working with key decision makers across a range of public sector organisations and can’t believe how my confidence has grown this year.’ Myles, Kent County Council
to be able to save some of their income, and this helps them in their final year of study.

**Assessment**

Students have to pass Stage 2 to be able to go on a year in industry. Please see the School of Computing website for further details.

Your placement is assessed and it contributes 10% to your overall degree mark.

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**Entertainment industry**

‘Working with people across three continents, I was supporting Disney’s applications globally.’ Ancella, The Walt Disney Company

‘I have learned so much this year already, not just about programming but about how a huge company works and how to work in a professional team.’ Katie, Sky

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**Charity**

‘Surrounded by like-minded people passionate about gaming, I created simulators for brand new games.’ Japeth, Ash Gaming

‘People think IT Support is just ‘turn it off and on again’, but it’s so much more than that – especially when you are doing it for Cancer Research.’ Mati, Cancer Research

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**IT industry**

‘The experience of working in Silicon Valley, California has been amazing. I have met people from all sorts of companies and attended events that I would never have dreamed of.’ Jason, Cisco (USA)

‘A year spent as a developer at IBM was a great platform for my PhD in Computer Science.’ Jack, IBM
VISIT THE UNIVERSITY

Come along for an Open Day or an Applicant Day and see what it is like to be a student at Kent.

Open Days
Kent runs Open Days during the summer and autumn. These provide an excellent opportunity for you to discover what it is like to live and study at the University. You can meet academic staff and current students, find out about our courses and attend subject talks, workshops and informal lectures. We also offer tours around the campus to view our sports facilities, the library and University accommodation. For further information and details of how to book your place, see www.kent.ac.uk/opendays

Applicant Days
If you apply to study at the School of Computing, we will invite you for interview before offering you a place. You will be sent an invitation to an interview at one of our Applicant Days. You can book to attend through your online Kent Applicant Portal. The Applicant Day includes presentations in your subject area, guided tours of the campus, including University accommodation, and the opportunity to speak with both academic staff and current students about your chosen subject. For further information, see www.kent.ac.uk/visit

Informal visits
You are also welcome to make an informal visit to our campuses at any time. The University runs tours of the Canterbury and Medway campuses throughout the year for anyone who is unable to attend an Open Day. It may also be possible to arrange meetings with academic staff, although we cannot guarantee this. For more details and to book your place, see www.kent.ac.uk/informal

Self-guided tours
You can explore the Canterbury campus in person or from the comfort of your home. Our self-guided audio tour gives you a real flavour of the campus and you will hear from people who help make Kent such an inspiring place to study – our staff and students. Go to www.kent.ac.uk/courses/visit/informal/audio-tour.html to get started.
More information

If you would like more information on Kent’s courses, facilities or services, please contact us on: T: +44 (0)1227 768896
www.kent.ac.uk/ug

To download another subject leaflet, go to www.kent.ac.uk/courses/undergraduate/leaflets

For the latest departmental information, please see www.cs.kent.ac.uk

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For the University to operate efficiently, it needs to process information about you for administrative, academic and health and safety reasons. Any offer we make to you is subject to your consent to process such information and is a requirement in order for you to be registered as a student. All students must agree to abide by the University rules and regulations at: www.kent.ac.uk/regulations

Alternatively, we can provide you with a self-guided tour leaflet, which includes the main points of interest. For more details and to download a self-guided tour, go to www.kent.ac.uk/informal

Location
Canterbury

Award
BSc (Hons)

Degree programme

Single honours
• Computer Science (G400)
• Computer Science with a Year in Industry (G404)
• Computer Science (Artificial Intelligence) (G4G7)
• Computer Science (Artificial Intelligence) with a Year in Industry (G4GR)
• Computer Science (Consultancy) (G403)
• Computer Science (Consultancy) with a Year in Industry (G406)
• Computer Science (Networks) (G421)
• Computer Science (Networks) with a Year in Industry (G420)

Typical offer levels

Computer Science degrees

AAB, plus GCSE Mathematics grade C/4. IB 34 points overall or 16 at HL, including Mathematics 5 at HL or SL, or Mathematics Studies 6 at SL.
BTEC Level 3 Extended Diploma: Distinction, Distinction, Distinction overall

Direct entry to Stage 2: please contact the Admissions Officer cs-admissions@kent.ac.uk

Required subjects
GCSE Mathematics grade C/4

Year in industry
Available on all programmes.

Professional recognition
All the degrees listed have full Chartered IT Professional (CITP) accreditation from BCS, the Chartered Institute for IT.

Foundation programme
International students can take a foundation programme to gain the necessary entry requirements. See www.kent.ac.uk/ifp

Offer levels and entry requirements are subject to change. For the latest information, see: www.kent.ac.uk/ug
COME AND VISIT US

To find out more about visiting the University, see our website:
www.kent.ac.uk/visit