Careers & Employability

kcl.ac.uk/careers

KING'S College LONDON

$$\Delta y \Delta p \geq \frac{h}{2\pi}$$

BSC COMPUTER SCIENCES WITH YEAR IN INDUSTRY

YEAR IN INDUSTRY:

Employer Profiles

FIND YOUR PLACEMENT

Contents

Use this guide to discover the types of placements available to you from a variety of employers.....

CAPACITAS

PLACEMENTS OFFERED

Junior Analyst

Supporting our consultants on client engagements
- Supporting our consultants on client engagements
- Delivery of performance testing services
- Ongoing development of our capacity management analytics engine
- Some clerical and administrative duties
- Some IT support tasks

More information at: http://www.capacitas.co.uk/about/careers/placement/JuniorAnalyst.php

Junior Developer

Positions available: 3

Supporting development of our Operational Capacity Management (OCM) service
- Research, conceive and develop software solutions to extend and improve on Capacitas' products and services.
- Contribute to a wide variety of projects utilising the latest web and database technologies.
- Collaborate and solve issues relating to scalability and accessibility of big data sources.
- Problem solve any issues that come your way.

More information at:
http://www.capacitas.co.uk/about/careers/placement/DevelopmentInternship.php

Positions available: 2

Location:	London
Salary and Benefits:	Competitive
Length of placements:	9-12 months
How to apply:	www.capacitas.co.uk/about/careers/form/index.php
When to apply by:	Late 2015/Early 2016

DIAMOND LIGHT SOURCE

PLACEMENTS OFFERED

Junior Analyst

The Diamond Light Source 12 month sandwich placement 2016 allows undergraduate students studying for a degree in Science, Engineering, Computing or Mathematics (and who expect to gain a first or upper-second class honours degree) to gain experience working within a scientific environment at Diamond. These 12 month sandwich placements are paid positions and will provide successful students with an opportunity to work on a research or development project within Diamond. The placements will be paid at a rate of circa £17K pa basis. They are available to students, who are registered as undergraduate students at the time of the placements – typically to start during the summer of their penultimate year.

In addition to working on a specific project, the students will have an opportunity to visit research teams based at Diamond and other facilities on site. Training will be provided to allow the students to give a short presentation on their work and to summarise their activities in a poster.

Short-listed candidates will be invited to an interview week commencing 11th January, where they will visit Diamond to be interviewed for one or more projects and find out more about our scientific and technical activities.

More information at: http://www.diamond.ac.uk/Careers/Work-Placement/12-months.html

Positions available: NOT SPECIFIED

Location:	Didcot, Oxfordshire
Salary and Benefits:	circa £17,000 pa
Length of placements:	12 months
How to apply:	www.diamond.ac.uk/Careers/Work-Placement/12-months.html
When to apply by:	18 December 2015

EY

PLACEMENTS OFFERED

Advisory, Assurance, Corporate Finance, Tax

Building a better working world starts with empowering people to build exceptional careers – right from the start. You can get ahead in your career by applying for an EY Industrial Placement now. Make sure you're prepared for the business world of tomorrow.

Improve your skills by working alongside some of the most experienced and respected industry experts. The training and mentoring we offer, along with the opportunity to join our high performing teams and work with clients from the off set, will help you stand out and get you ready for a future career in business.

Our global success is built on helping talented people build the skills that build businesses, which is why we invest in training and development and professional qualifications support for our people.

If you'd like to share in our exciting, ambitious vision to build a better working world, you can start right now. While you're getting the most out of your studies, EY will help you make the right career decisions for you and give you the skills and experience to equip you for an exceptional career in business.

Positions available: 60+

Location:	Various locations
Salary and Benefits:	Competitive
Length of placements:	12 months
How to apply:	www.ey.com/careers/students
When to apply by:	Continuous recruitment

FERAL INTERACTIVE

PLACEMENTS OFFERED

Placement in Development

- Programming position in AAA computer game development
- Porting top PC and console titles to Mac
- Our placement students work on the same projects as our graduate programmers, so you'll be working with real game code from day one
- You'll also gain familiarity with all aspects of the development cycle at a video game publisher, including bug tracking and working with QA
- **Key skills:** C/C++, including pointers and dynamic memory allocation
- **Advantageous:** Knowledge of scripting languages (Perl, Python, Lua, etc.), Mac and Xcode, 3D graphics techniques, Objective-C, and using the UNIX command line

Positions available: 4

Location:	London, SW18
Salary and Benefits:	Gross salary £16-17k p.a.
Length of placements:	12 months (minimum 9 months)
How to apply:	Email your CV and a covering letter to **placements2016@feralinteractive.com**
When to apply by:	31st January 2016

FORSTERS

PLACEMENTS OFFERED

IT department of a law firm

- Job Title: Helpdesk Assistant (1st line support)
- Hours: Two week rota basis to cover 08:00–19:00 (08:00–16:00 shift and 11:00–19:00 shift)
- Job Summary: To provide helpdesk support to approximately 350 users across the firm. You will be the first point of contact for all IT related issues and escalate calls to 2nd line support where necessary.
- Main duties & Responsibilities: Logging IT queries and resolving issues where possible, Escalating unresolved issues to 2nd line support, Provide desk side assistance when required, Completing scheduled maintenance tasks, Basic maintenance of printers, desk phones, televisions, PCs, Maintain audit of loaned assets, Identifying common training issues, Testing of new software applications.
- Key skills: Excellent communication and interpersonal skills, Strong technical skills, Ability to work both as part of a team and unsupervised to meet the varied needs of the department, Ability to work effectively under pressure and flexibly when required, Excellent attention to detail essential, Ability to pick up new systems and procedures quickly, Organised manner with ability to prioritise workload
- Personal Qualities: Motivated and pro-active with a 'can-do' approach, Understanding of privacy and confidentiality.

Positions available: 2

Location:	London - 31 Hill Street London W1J 5LS
Salary and Benefits:	£17,500 per annum
Length of placements:	12 months (August 2016 – August 2017)
How to apply:	Please send CV & Covering Letter (optional) to the Recruitment Manager - **rishi.chudasama@forsters.co.uk**
When to apply by:	Tuesday 31st May 2016

IBM

PLACEMENTS OFFERED

Industrial placements in business, finance, human resources, information technology, marketing and software development

A 12-month industrial placement at IBM is hard to top. First and foremost, it gets you a global leader's name on your CV. It's also a year filled with challenges that will stretch your capabilities, give you great exposure that will kick start your professional career and along the way you'll meet truly inspirational people. It's certainly not easy, we're successful because we push ourselves hard. After all, we're a huge business, where complex work is going on everywhere you look (and we'll encourage you to explore). But, if you're insatiably curious, passionate about innovation and eager to get into the world of big business, there's nothing like it. We'll give you everything you need to build the career you want, giving you responsibility and input into the business. To aid this we provide all interns with a personal development manager to help you set objectives and plan any training you need to succeed.

We're looking for enthusiastic, driven and innovative individuals. IBM is now over 100 years old, and the reason we've been around for so long is because we're constantly reinventing ourselves by employing diverse and creative people. People like you. So what are you waiting for? Come join us here at IBM for a year of experience and fun.

Positions available: Approx. 300

Location:	We operate all over the UK but for more details visit the website
Salary and Benefits:	15,000 + 1,000 signing bonus and an extra 3,000 allowance for those working in our London Offices. We will also provide you with a Laptop for the length of your placement.
Length of placements:	12 months
How to apply:	Apply now on our website at **www.ibm.com/jobs/uk**
When to apply by:	31st December 2015

IBM DATA SCIENCE

PLACEMENTS OFFERED

Data Science University Placement Role

The IBM Data Science Studio's mission is to design, build & help implement differentiated, advanced analytics solutions for IBM clients in a wide variety of industries. The Data Science Studio is a client collaboration hub to apply IBM advanced analytics solutions, and rapidly demonstrate value to our clients. The studio also serves as an intellectual hub for data science solutions – uniting clients, analytics Subject Matter Experts (SMEs), researchers, academics from the area and analytics experts from industry.

The studio will be focused on specific advanced data science solutions, including Predictive Customer Intelligence, Supply Chain (including Demand Forecasting, Inventory Optimization, and Network Optimization), Risk and Fraud Analytics, and Predictive Asset Optimization.

We are looking for candidates studying Mathematics, Statistics, Operational Research, Science, Engineering or Economics. Preference will be given to those that are able to use one or two analytics tools to design, develop and apply appropriate statistical and mathematical techniques to solve business problems, are familiar with a few Big Data tools or have web development skills.

Typical responsibilities will include communicating with the client to understand their problems and goals, collecting data and analysing it; You will work with experienced Data Scientists to deploy analytics solutions.

If you are looking to be part of an exciting new growth area, working with highly qualified Data Science experts, solving a variety of client business problems across industries with advanced analytics, and comfortable with working in an evolving Agile based environment, then please apply.

Positions available: not specified

Location: Data Science Studio on London's Southbank.

How to apply: Visit **http://www-05.ibm.com/employment/uk/undergraduates placement/index.shtml** to view all details about the IBM University Placement Scheme. When you are ready, please apply to the "Placement Scheme - Technology Roles - Start Summer 2016" and state in your application form you'd like to be considered for the "Data Science" placement role

When to apply by: 31st December 2016

LIVEWYER

PLACEMENTS OFFERED

LiveWyer is a specialist DevOps consultancy based in London. Our expertise includes DevOps, IT systems training, Drupal builds and hosting, Kubernetes containerised technology and full-stack optimisation. Some of our recent high profile work involved building and maintaining the Comic Relief campaign infrastructure over two successful campaigns as well as providing consultancy work for clients such SkyScanner and SagePay.

For the past 6 months we have been running an internal project to retool all of our previous Ops processes (based around CHEF 11, AWS and custom Ruby components) over to a Kubernetes based platform. Kubernetes is Google's open source orchestration system for Docker containers written in Go.

We are looking for a dedicated Go(lang) programmer to work with us. The project will be focused on designing and developing our Golang-based Kubernetes platform. You will work in a sprint-based agile development team, and will participate in the full cycle including release/sprint planning, feature design, story definition, daily stand-ups, development, testing, code review, and release packaging.

The ideal candidate will have experience with Golang and C programming as well as a strong desire to learn new technologies, collaborate, and deliver code. An interest in web operations whilst not vital, would certainly help.

Positions available: not specified

Location:	Our company is London based but we offer the opportunity for remote working.
Salary and Benefits:	Around £20,000 based on suitable experience
Length of placements:	Not stated
How to apply:	Please send CVs to **antony@livewyer.com** - if you have any further questions, feel free to get in touch and discuss.
When to apply by:	Spring 2016

MANAGEMENT SYSTEMS MODELLING LTD

PLACEMENTS OFFERED

Developer

Essential technical expertise:

- Development skills in languages such as Java
- A sound knowledge of programming principles used in languages such as Python

Desirable technical skills:

- Knowledge of Mobile or Graphic Design
- Experience with UI/UX development or design
- Knowledge of RDBMS
- Any variant of Java

We are in search of talented and enthusiastic Computer Science/Software Engineering undergraduates who are looking for their first step into industry with a year's placement. With a real passion and clear aptitude for programming and programming principles (followed in languages such as Python) you will have the opportunity to work on live commercial projects with our impressive client list. You will be organised, tenacious and capable of meeting or exceeding deadlines. With excellent communication skills and attention to detail, your time management will be second to none. Outstanding oral and written English are essential at all times, as are good Microsoft Office skills. Our team have been working with undergraduates since 2007 (in fact several of our current team were our placement students from earlier years!), so you can rest assured you will get as much support and training as you need from the team.

Positions available: 2

Location:	Exeter
Salary and Benefits:	£14,000 - £16,000
Length of placements:	12 months
How to apply:	Please send your CV and covering letter detailing why you should work for MSM Software to **recruit@msmsoftware.com** quoting reference: UNDERGRAD16.
When to apply by:	Friday 15 January 2016

NATIONAL OCEANOGRAPHY CENTRE

PLACEMENTS OFFERED

IT support

We require two enthusiastic IT Students to work within our team of sixteen staff at the Southampton site to undertake computing support and project work. The multitude of systems at NOC and the complexity of the supported computing environment provide a rich and varied learning experience to our placement students.

The role within the Southampton support team will involve assisting with the management of all aspects of desktop support. This includes hardware and software installations; configuration of Windows PCs, Apple Macs, printers and mobile devices; support recommendations and creating and updating work instructions and web pages. In addition you will be assisting with running our Helpdesk service on a first and second line support level basis as well as undertaking a variety of developmental and/or support projects of various sizes. Each student will receive full on the job training and will be responsible for their own designated support areas.

Positions available: 2

Location:	Southampton
Salary and Benefits:	£16,280, based on a 37 hour week
Length of placements:	52 weeks
How to apply:	Please email CV's, including course marks, along with a covering letter explaining why you would like to undertake your placement in our IT department to: **asksps@noc.ac.uk**
When to apply:	Friday 15 January 2016

PROSPECTSOFT

PLACEMENTS OFFERED

Technical Support

- In this role placements will become used to supporting and delivering complex software solutions in a professional environment and working with other professionals within a project team.

- Dependant on experience, there is also an opportunity to get involved with technologies such as .NET framework, SQL, ActiveX/COM and web technologies including HTML, CSS and JavaScript.

- Any experience with the above technologies and with agile development processes will be advantageous although not essential.

- Successful applicants can expect to gain a great deal of experience working and building relationships with customers on systems analysis, software development, web and mobile application development, databases, writing SQL statements and procedures to populate and manipulate data within them.

- Placement students will also gain experience with some of the industry's latest and most powerful technologies such as Microsoft Azure, Microsoft Windows Server 2012 R2, Microsoft Windows (including Windows 8&10), Microsoft Office 365, Microsoft Hyper-V, TeamViewer, iPhone/Android apps, ProspectSoft CRM, ProspectSoft eCommerce and many more.

- The job also includes the opportunity to engage directly with customers to help with software installation, implementation and training. As well as all that, you will get involved in setting up testing and demonstration environments and assisting with the specification and designs of custom software configurations.

Positions available: 2

Location:	Stokenchurch
Salary and Benefits:	£15,613
Length of placements:	13 months
How to apply:	Please send your CV and Cover Letter to **careers@prospectsoft.com**
When to apply by:	4th December

PROSPECTSOFT

PLACEMENTS OFFERED

Front-End Web Developer

- As a Front-End Web Developer, at ProspectSoft, you will be part of a close knit, dynamic team.

- You will work closely alongside designers, developers and account managers to deliver great looking and functional, responsive websites.

- Working with our designers, you will discover more about who are clients are and what they represent - your job is to then turn that into reality. This role is therefore all about collaboration, you will need to have good verbal and written communication skills to be able to understand exactly what is wanted and to ensure solutions meet proposals whilst developing high quality, testable and performant eCommerce sites, using agile practices to create solutions that far exceed expectations.

- In a small business every role is vital and at ProspectSoft we like to embrace new ideas and input them throughout departments and across the company. Therefore the ideal candidate would be enthusiastic and passionate with plenty of creative ideas.

Positions available: 2

Location:	Stokenchurch
Salary and Benefits:	£15,613
Length of placements:	13 months
How to apply:	Please send your CV and Cover Letter to **careers@prospectsoft.com**
When to apply by:	4th December

TERADATA

PLACEMENTS

Teradata Applications is the leading global provider of marketing automation software and services that enhance the productivity and performance of marketing organizations. Teradata provides multi-channel marketing campaigns for B2B and B2C to drive measurable return on investment, increase productivity and enable 'more with less'.

Job description:

- Provide support to team and clients
- Liaising with other departments to reach project goals
- Coordinate projects through internal and external teams
- Provide client training
- Provide Technical support to the project managers
- Build, Test and Configure technical setups
- Coordinating production through internal teams (eg. HTML coders, database admin, engineering)

Positions available: 2

Location:	London Bridge
Salary and Benefits:	Competitive plus many social and work gatherings
Length of placements:	12 months
How to apply:	Please email **Camila.Bloise@Teradata.com** for further details.
When to apply by:	10/01/2016

THE GENOME ANALYSIS CENTRE

PLACEMENTS OFFERED

361° Division

Outline of Placement

- The Genome Analysis Centre (TGAC) is a UK hub for cutting edge bioinformatics through research, analysis and interpretation of complex data sets. We have one of the largest life science computer hardware facilities in Europe with multi-petabyte storage capacity. Together with the large-memory servers this allows us to simultaneously run complex analyses which require several terabytes of computing power.

- The placement will begin with a rotation period where students will be able to experience the variety of groups and projects ongoing at TGAC. This period will include spending time with: Platforms and Pipelines teams, to understand TGAC's role in provision of national capability for sequencing and bioinformatics, the Vertebrate and Health Genomics group and Plant and Microbial Genomes group.

- Following the rotation period you will select the project that will comprise the remainder of your placement. We are looking for enthusiastic individuals, with a passion for innovation and genomics and/or bioinformatics research. You will have a high degree of confidence with computers, display excellent written and verbal communication skills , and be able to work under your own initiative. You will be integrated into the team providing your chosen project, therefore key skills in team work are essential.

Positions available: 2

Location:	Norwich Research Park
Salary and Benefits:	£13,500 per annum
Length of placements:	Monday 12th September 2016 to Thursday 31st August 2017
How to apply:	Please send a CV and a covering letter explaining your reasons for applying to **yii@tgac.ac.uk**
When to apply by:	31st October. Interviews are scheduled for the week commencing 1st December 2015

FACE RECORDING & MEASUREMENT SYSTEMS LTD

PLACEMENTS OFFERED

Software Development team

- FACE is a software development company specialising in clinical management and analytics systems for health & social care customers.

- Our software suite includes web applications and services based on Microsoft technologies, JavaScript frameworks, and iOS.

- You will work on real software projects as part of a development team of 15, across all aspects of the development lifecycle.

- The placement is heavily technically-focussed, so programming aptitude and interest is required.

Positions available: 2

Location:	Nottingham city centre
Salary and Benefits:	£18,500, {benefits TBC}
Length of placements:	Flexible, between 9 and 16 months
How to apply:	See **www.face.eu.com/software-developer-placement**
When to apply:	31st March 2016

VM WARE

PLACEMENTS OFFERED

IT

- NEMEA Business Operations Intern – http://vmware.jobs/frimley-gbr/nemea-business-operations-intern/06B01468502949AFAF4CA8241BE132DA/job/

- EMEA Partner Marketing Intern – http://vmware.jobs/frimley-gbr/emea-partner-marketing-intern/1C5A73AB26934D689766CC05F9F2493B/job/

- Project Management Intern – http://vmware.jobs/frimley-gbr/project-management-intern/0493EC330B814ED79EAFD0C405234997/job/

- Digital Marketing Intern – http://vmware.jobs/frimley-gbr/digital-marketing-intern/EF915182AC28436A806D419E92C2826F/job/

- Enterprise Operations Support Intern – http://vmware.jobs/frimley-gbr/enterprise-operations-support-intern/D23BAEADD0DE46BC92D5C07C822C9010/job/

- Public Services Business Development Intern – http://vmware.jobs/frimley-gbr/public-services-business-development-intern/2C25CADBD25B455E8B7A44E2A7014401/job/

- Business Development Intern – http://vmware.jobs/frimley-gbr/business-development-intern-partner-readiness/F94DFD7F5A20490BA721EC0A10039723/job/

Positions available: currently at 7 but will have 17 overall

Location:	Staines
Salary:	Competitive, above national minimum wage
Length of placements:	12 months
How to apply:	Submit CV & cover letter on-line via preferred role
When to apply:	Ongoing recruitment but start dates are in July.

WATERSTONS

PLACEMENTS OFFERED

Managed Services Team – Technology Consultant
Bespoke Software Development Team – Bespoke Consultant

- Waterstons are a business and technology consultancy based in Durham with an office in London. For over 20 years we have been proud of our reputation for being different.

- Our people are empowered to make their own decisions, but are always supported. We don't measure time; we measure achievements. That's why we've been awarded Gold Investors in People again.

- We recruit exceptional individuals to aid the future development and progression of our business. We require a passion for technology and continuous learning and encourages people to look at expanding their skills into areas they are interested in. There are no restrictions other than your own enthusiasm and thirst for learning.

- Even as a placement student you will be working directly with customers; designing, creating and implementing quality infrastructure or software solutions that add value to our clients business.

- We offer a placement scheme for those students wanting to spend a year finding out what life is like in an IT Consultancy environment.

- If you enjoy working with customers, solving problems and have a passion for new technology and continuous learning, then we'd love to hear from you.

Positions available: 1-3 per role

Location:	Technology Consultant – Durham/London. Bespoke Consultant - Durham
Salary and Benefits:	£18,000 (plus London weighting where applicable) with flexible working attendance, 25 days holidays plus statutory bank holidays, regular development reviews
Length of placements:	12 months (minimum 9 months)
How to apply:	Download application form at **www.waterstons.com/careers** complete and return with CV & Cover Letter to **careers@waterstons.com** FAO Lesley Renteurs HR Officer
When to apply:	31st January 2016

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Length of placements:	12 months (minimum 9 months)
How to apply:	Download application form at **www.waterstons.com/careers** complete and return with CV & Cover Letter to **careers@waterstons.com** FAO Lesley Renteurs HR Officer
When to apply:	31st January 2016

KING'S CAREERS & EMPLOYABILITY

Careers consultants	Events	Careers Series	Kcl.ac.uk/JobOnline	Careerstagged.co.uk
Book a 20 minute Career Guidance appointment or come and talk one to one about career ideas, applications, interview techniques - or any other career issues you might have.	King's Careers & Employability hosts a number of events throughout the year, including careers fairs which give you the chance to meet top employers who work closely with King's.	King's dedicates sessions throughout the term to seminars and workshops given by big names in each sector. Check the website for this year's schedule.	Use JobOnline to find part-time or full-time work in a number of fields, much of which is exclusive to King's students like you.	CareersTagged is your database of everything you need to know about finding and starting a career. Look online and search for the info you need to get a head start.

Opening Hours

Monday – Thursday   9.30 am - 5.00 pm

Friday   12.00 pm - 5.00 pm

Career Guidance appointments are only available Monday – Thursday and are booked on the day.

Location

King's Careers & Employability
The Bridge, Level 1
Macadam Building
Strand
London, WC2R 2LS

CONTACT US   kcl.ac.uk/careers

020 7848 7134   careers@kcl.ac.uk   /kingscareers   @kingscareers