Graduate Electronics / Software Engineer

Job ref: 1118

We’re looking for Electronics, Computer Science and Engineering Physics graduates keen to start making real products for our clients. You’ll need to be the sort of person who is willing to turn their hand to a lot of different tasks, and enjoys constantly learning new things. In return we can offer the chance to tackle some of the hardest engineering problems around, such as novel applications of robotics, machine vision, and world class embedded products.

Full Details

Main Purpose

We are looking for graduates to join our team of innovative engineers. The ideal candidate will have an excellent degree in Electronic Engineering, Physics or Computer Science and be able to show evidence of a rigorous approach to solving real-world problems. We develop cutting-edge products for our clients, using a wide variety of technologies, so an ability to learn and a determination to grow are more important than the knowledge you already have.

Type Of Work

Cambridge Consultants undertakes over 300 technology, design and consulting projects every year. The ICE division focuses on Industrial & Energy, Consumer, Defence & Security and Oil & Gas markets.

Within ICE, the Semiconductor group brings together a team of world-class multi-disciplinary experts in everything to do with embedded systems and devices – whether that’s electronics, embedded software, physics, control, communications, security or algorithm design. We are experts at low-power electronics for battery-powered products. We perform tasks that are diverse, fast-paced and challenging, which may involve systems engineering, embedded software, computer software, PCB design or digital electronics (FPGAs, ASICs)

Responsibilities

You will work as part of our technical team on client assignments in multi-disciplinary projects for a wide range of markets. You may work on one or more projects at a time, in a variety of different disciplines and roles.

You will work on the design of technical systems for a wide range of applications and products. You will have many opportunities to develop your technical design skills for implementing analogue and digital hardware, information engineering, embedded software, control, communications and whole product design

Requirements

To meet the requirements of this role you will have:

- An excellent degree or PhD in electrical, electronic or information engineering, computer science, or engineering physics.
- Experience through university, work or home projects in at least one of the following areas, and enthusiasm for learning about the others:
1. software implementation in C, C++ or Python
2. PCB design
3. digital electronics (processors, memory, DSP, Verilog, VHDL)
4. analogue electronics (general, interfaces, RF, power)

We welcome applications from recent graduates with industrial experience, final year students and graduates with relevant academic course or research experience. We are looking for excellence, and are as interested in your skills and ability to learn quickly as we are in your experience.

Along with your CV, please describe why you are attracted to this position, what you feel you offer Cambridge Consultants, and any achievements that you are particularly proud of. We are especially interested to hear about any software, electronics or engineering projects you have done, for a hobby, for work or for university.

Benefits

As a graduate, you'll start your career doing the work that interests you most. Where you go from there is up to you. We give you the freedom to follow your interests and steer your own career in the direction you want, providing you with all of the support, mentoring and training you need.

- Good salaries, based on merit and reviewed annually
- Bonus scheme in addition to basic salary
- Flexible working hours
- Excellent career development and training opportunities
- Free lunches and refreshments
- Private medical insurance and company sickness scheme
- Pension scheme including free life assurance
- 25 days annual holiday plus public holidays
- Assistance in relocation if applicable
- Active social committee
- Well equipped and pleasantly situated building on the Cambridge Science Park
- Above all, real responsibility for real business problems, with good career prospects based on merit

Location

United Kingdom