

# UK intern job description

**Job Title: Student Software Engineer**

## Company Description

Mentor Graphics® is a leader in design automation software for electrical and electronic industries. We enable companies to develop better products faster and more cost-effectively. Our innovative products and solutions help engineers conquer design challenges in the increasingly complex worlds of electrical, PCB and chip design.

## Job Description

Mentor's IESD division develops CAPITAL, a software suite used globally by automotive and aerospace manufacturers and wire harness suppliers to enhance their electrical distribution system (EDS) design and manufacturing flows. We have 11-month internship programs available for IT and Computer Science undergraduates. The successful candidates will be fully integrated into our existing teams where they will use and improve their skills and knowledge on key software engineering and QA projects.

CAPITAL has a large codebase and development environment primarily based on the Java platform. Students gain useful exposure to the following during their placement:

- Modern Java development in a highly experienced team
- Agile practices in a focused team using Scrum or Kanban
- Computer Aided Design and Engineering
- Relational Database (Oracle, Postgres)
- Object Oriented Design and Development
- Windows and UNIX operating systems
- Web-services and APIs for customer-specific integration and customization
- Highly interactive Web and tablet clients
- Automated regression testing and a high level of attention to quality
- Version control using Git
- Continuous integration using Jenkins

Good communication skills are very important as the students will report regularly to management and will develop a good working relationship with team members based at other Mentor sites in UK, US and India.

The internships are located at Mentor offices in Altrincham and Newbury.

The salary will be £17500 per year pro rata.

Further information on what we do can be found at <https://www.mentor.com/products/electrical-design-software/>