ESPA

LabVIEW Software Engineering Internship (PRATE3103)

Role

This is a fantastic opportunity for a software engineering student to gain hands on experience, at a world leader in ultra-low-cost flexible electronics. Mentored throughout, you will join the talented team of software engineers to help drive the development of the hosts semiconductor automated test equipment platform. This host offers a unique technology platform that creates solutions to everyday problems, beyond the scope of conventional electronics. If you have ambitions to translate research into real world solutions, then this is the internship for you. A truly rewarding experience that will add value to your CV and boost your career prospects.

Tasks

- Develop and maintain code modules for semiconductor ATE equipment.
- Collaborate with other engineers to design flexible software tools that make their work more efficient.
- Strive for the highest quality by ensuring all code is thoroughly tested, reviewed, and documented before release.
- Presentation of results to internal and external stakeholders.

Personal Skills

- Relevant academic degree in electronic engineering or similar
- Experience of instrument control in LabVIEW
- Demonstrable use of test instrumentation such as oscilloscopes, source meters and pattern generators.
- Able to work independently and as part of a team
- Able to communicate and disseminate information effectively to technical non-specialists
- Able to work to tight deadlines and progress multiple projects in parallel

Good to have

- Experience of NI Test Stand, Python for data analysis, Git for version control

The Host Company

This award-winning host's novel products are being adopted by a growing base of global companies across diverse markets, including consumer goods, games, retail, pharmaceutical and security. With a billion-unit production facility, the host company's unique, patented technology platform opens-up the opportunity to invent entirely new applications for electronics. Their mission is to create more connectivity, create more designs and create more devices. With staff from over a dozen countries, covering 5 continents, the company culture promotes an open and collaborative environment, committed to delivering a new generation of electronics to address real world issues.