



SINGER INSTRUMENTS

A RESPONSIBILITY TO SCIENCE!

Lead Contact

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Please apply through our website at: www.singerinstruments.com/jobs/

Project Summary

The Research team aims to use Science! to achieve “A Responsibility to Science”. This means actively enquiring, and devising experiments that prove that our equipment facilitates, automates and accelerates scientific research - more so these experiments should be rigorous enough to reveal truth, free from investigator bias.

Project Outline

Singer Instruments is a fast paced SME environment. As such projects are subject to change as required by business need. Generally speaking, each project includes:

- Working with a robotic instrument to test its capabilities and investigate its restrictions. Previous examples involve producing bioart with colony pickers, investigating the use of fluorescent strains, and testing new detection algorithms.
- Collaborating with Engineering and Software on numerous projects, gaining and consulting with expertise. This has involved; coming up with hardware and software solutions to problems, QC of brand new software packages and production spec machines and also affecting the look, feel and function of new products.
- A desk based research piece. This is usually heavily tied to new product development, and hence tends to be the most secretive. Previous examples have included market research, as well as investigating how scientists perform work, and how this may change in the future.

Essential Skills

- An independent working style.
- A robust approach to reporting.
- Flexibility to sudden project changes based on business need.
- Adherence to non-disclosure agreements, as projects can include valuable prototypes and

intellectual property.

- It's should be noted that no knowledge of engineering, software development or marketing is required. However, if the student does have an appropriate background, and wishes to investigate these skills further, cross departmental projects can be arrange.

Skills Developed

- Project Management
 - Working heavily with robotic laboratory equipment, from early development prototypes to market ready instruments.
 - Cross departmental communication (Software, Engineering, Marketing)
 - Industry research processes.
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Number of Placements Offered

Singer Instruments has a rolling intake of internships. It is usual for the Research team to have one intern at any one time. However this is subject to change based on project requirements. A maximum of 2 internships could be offered simultaneously within the Research team.

Possible Timeframe

A three month block is the usual placement mode, flexibility can be considered in special cases. Certain times of year are more competitive than others, and early application is suggested to avoid disappointment.