



Employed on Campus 2019 Internship Case Study

Name: Cara Lynch
Year: Integrated Masters
Course: Theoretical
Physics



What was your internship?

Research Computing Intern, Computing Services Team, School of Physics and Astronomy

Description of your role and responsibilities

The goal of the internship was two fold. Firstly, I was to help develop core transferable Research Computing techniques and skills for both Undergraduate and Postgraduate students across Physics and Astronomy. This involved reviewing the programming curriculum within the School and comparing to best practices as well as gathering student feedback.

My second task was to help improve the School's support for Research Computing, specifically in the domains of Condensed Matter and Complex Systems. This involved gathering feedback from the many different researchers in the Institute and launching a survey.

What interested you in this specific role?

I had completed a computational condensed matter summer research project last summer, and had become interested in research and high performance computing. This role offered the chance to delve into that as well as improve my coding skills and benefit future students.

How have you benefited from this experience?

My coding skills and style have improved, and I've been opened to new ideas and research avenues. I've also learned about scientific computing best practices and got to meet some amazing women in high performance computing (pictured)!





What advice would you give to future interns?

Try to make the most of the opportunities given to you!

