

Archie Wheeler

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Introduction

A Cambridge Computer Science finalist keen to explore the intersection of data science and software engineering.

Competencies

Technical Skills

- | | | | | |
|---------|----------|--------------|-------------------|--------------|
| • Java | • Python | • JavaScript | • Linux | • Pandas |
| • React | • ML | • Git | • \LaTeX | • Matplotlib |

Relevant University Courses

Software and Security Engineering, Object Oriented Programming, Algorithms and Data Structures, Machine Learning and Real-world Data, Data Science, Further Java, Interaction Design, Databases, Concurrent and Distributed Systems, Scientific Computing

Education

- Studying Computer Science at Cambridge University, expected graduation 2021
- A Levels at Oakham School
 - Maths: A*, Further Maths: A*, Computer Science: A*, Physics: A

Projects

Remote Animal Recovery Monitoring ([GitHub](#))

As part of a team of five students, I worked with the Department of Veterinary Medicine to develop a mobile application for dog carers to monitor the progress of their dog's recovery post-surgery. This was a great experience of both working to develop a custom application for a professional client and cooperating with a small team of fellow developers.

Data Science Practicals ([GitHub](#))

During my final year I decided to pursue data science. This culminated in a series of practicals requiring the application of a variety of data science techniques. In particular, we were required to complete a large data science project leading to the production of a professional-grade report.

Awards

Outstanding Computer Science Talk ([Link](#))

My talk on Censorship Resistance Systems for the Churchill Computer Science Talks Series was awarded a certificate of distinguished achievement.

Computer Science Prize

I was awarded the Computer Science Prize for best A-Level Computer Science student at my school.