

# Alex Reid

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## EDUCATION

### University of Exeter - MSc Computer Science

2017-2021

A diverse course focused on the development of practical skills in the specification, design, and implementation of computer systems, as well as an understanding of the theory behind them. The course covers a wide range of topics, as well as developing personal skills including working independently, communication and problem-solving. We have undertaken several team, paired and individual software development projects, and in the second year I developed a 'Guitar Hero' clone as part of a team of five using the agile Kanban methodology. I'm currently in my fourth year and I am working on two projects; one in a team and one as an individual. In the team we are modelling epileptic seizures in the brain to identify the best places for resection (surgical removal). Individually, I am working on a research project on evolutionary multi-modal multi-objective optimisation algorithms. Last year I completed my individual project on metamorphic testing.

### University of Murcia - Term of study abroad

Sep 2019 - Jan 2020

I undertook to study abroad in Murcia, Spain during my third year, which was an incredibly valuable experience. While there I studied networks and operating systems, and with the language of instruction in Spanish, my Spanish language proficiency also advanced significantly.

### Faringdon Community College

2010-2017

**A-levels** Mathematics: A Computer Science: B Physics: B Further Mathematics: D  
**GCSEs** 2x A\* (Maths & Physics) 9x A grades English Lit: B English language: C  
At Faringdon I took extra-curricular academic subjects including Astronomy, Statistics and Critical Thinking. My A-level project covered the analysis of algorithms for maximising the coverage achieved by mobile robots such as a vacuum cleaner.

## WORK EXPERIENCE

### Wookey Hole Tour Guide

Summer 2019

As a tour guide at Wookey, my role was to entertain and inform groups of up to 60 tourists, taking them through the cave system. This was both enjoyable and it developed my public speaking and presentation skills.  
I have also worked as a waiter, a kitchen porter, and a vendor at the Kassam stadium.

## EXTRA- CURRICULAR ACTIVITIES

**Coach, Orienteering Runners of Exeter University** - I am currently the coach for Orox and I lead the training. I joined Orox in second year and went from knowing nothing about Orienteering to representing the Uni at BUCs in Edinburgh

**Run-Coordinator, Cool Runnings** - I enjoy running and have taken part in half marathons including fundraising for charity. In my second year at Exeter I organised the weekly runs for Cool Runnings.

**Mentor, CoachBright** - In my first year at Exeter I volunteered with CoachBright, an organization that, among other things, aims is to get disadvantaged children into University. I mentored a student working on his Maths skills.

**Faringdon CoderDojo Volunteer** - I spent 3 years teaching young children basic programming concepts in Scratch, App Inventor and Python. This also allowed me to regularly engage with experienced software engineers.