

Will Russell

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Education

BSc Computer Science | University of Birmingham (2018 to 2021). On track for a 2:1.
2:1 (67%) in First Year, with 90% in Data Science for Everyone, 80% in Data Structures and Algorithms.

A Levels | Hinchingsbrook Sixth Form | 2016 - 2018
Mathematics: A, Computer Science: A, Physics: B, Extended Project Qualification: B

GCSES | Longsands Academy | 2011 - 2016
6 As, 3 Bs, and 1 C, including A in Maths, and C in English Language.

Full-Time Work Experience

Platforms Hardware Engineer (Internship)

Arm Ltd | Cambridge, Cambridgeshire | June 2019 - September 2019 (12 weeks)

- Creating Python drivers for the Arm MPS3 FPGA Prototyping Board memory chip controller, and lab instruments.
- Created a Jenkins CI/CD server for testing development boards with Windows and Linux in parallel.
- Lead of the winning team of the Intern Challenge.

Electronics Engineer Student (Work Experience)

Arm Ltd | Cambridge, Cambridgeshire | July 2017 (1-week)

- Automated a temperature controller using Python and the modbus serial communication protocol.
- Learnt how to work with new libraries and standards, such as the modbus protocol, and Python.

Part-Time Work Experience and Volunteering

Director of Outreach

HackTheMidlands | Birmingham, West Midlands | May 2019 - Present | Volunteering

- Managing the outreach, schools, and safeguarding teams. Previously leading the Audio/Visual Team.
- On the day coach/advisor for the event, helping resolve problems and helping hackers with their code.

Mentor

Arkwright Engineering Scholarships | Remote | November 2019 - Present | Volunteering

- Helping a Year 12 scholar with university choices, and career paths.
- Encouraging students to get more involved with technology opportunities around the UK.

STEM Ambassador

STEM Learning | Remote | August 2019 - Present | Volunteering

- Helping run events for school students, such as Hack Manchester Junior.
- Running talks and workshops for schools to teach kids how to use Python libraries.

AV Technician

Levitation Events | Remote | November 2015 - Present | Part-Time Work

- Experience with running audio, video, and lighting.
- Currently running audio and video for hackathons around the UK, including at Durham University, University of Cambridge, and Manchester Metropolitan University, Coventry University.

Royal Yachting Association Dinghy Instructor

Paxton Lakes Sailing Club | Little Paxton, Cambridgeshire | April 2016 - Present | Part-Time Work

- Responsible for teaching children and adults of all abilities sailing, and managing assistant instructors, and from the RYA Syllabus.
- Powerboat Level 2 license and first aid trained.

Technical Skills

- **Fluent in:** Python | Java | Git | Android | Linux | Jekyll | Raspberry Pi | HTML | CSS.
- **Experience with:** C# | Jenkins CI | Kotlin | Flask | Groovy | Haskell | C.
- Favourite **text editor:** Visual Studio Code.