

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, 78% in Programming in Java.

A Levels | Hinchingsbrooke Sixth Form (2016 to 2018)

Mathematics: A, Computer Science: A, Physics: B, Extended Project Qualification: B

GCSES | Longsands Academy (2011 to 2016)

6 As, 3 Bs, and 1 C, including A in Maths, and C in English Language.

Full-Time Work Experience

Platforms Hardware Engineer | Arm Ltd (June 2019 to September 2019 | 3-month internship)

- 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.
- Lead of the winning team of the Intern Challenge.

Electronics Engineer Student | Arm Ltd (July 2017 | 1-week work experience)

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

Electronics Engineer Student | Arm Ltd (July 2015 | 2-week work experience)

- Worked independently with the Arm mbed platform.
- Created a GPS Compass Arduino which displayed a compass needle on an LCD.

Part-Time Work Experience and Volunteering

Director of Outreach | HackTheMidlands (May 2019 to present | volunteering)

- Managing different teams, including outreach, schools, and safeguarding.
- On the day coach/advisor for the event, helping resolve problems and helping hackers with their code.

STEM Ambassador | STEM Learning (August 2019 to present | volunteering)

- Spreading awareness of tech opportunities to schools.
- Running talks and workshops for schools to teach kids how to use libraries and tools.

Mentor | Arkwright Engineering Scholarships (November 2019 to 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.

AV Technician | Levitation Events (2015 to present | part time work)

- Experience with running audio, video, and lighting.
- Currently running audio and video for hackathons around the UK.

RYA Dinghy Instructor | Paxton Lakes Sailing Club (2016 to present | part time work)

- Developed great communication, and teamwork, and leadership skills.
- Responsible for managing assistant instructors teaching children and adults sailing.
- Powerboat Level 2 license and first aid trained.

Technical Skills

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