

Jaxon O'Connell



Profile

I'm curious of the ways we can evolve using technology to build a brighter future for everyone and the generations to come; I am determined to learn more about how we can use data to learn more about the world and how this can be applied in software for this purpose.

Contact

Address

7 Hartbushes, Wingate,
Durham, TS28 5GA

Phone

07949450634

Email

jaxon.oconnell@yahoo.co.uk

LinkedIn

[linkedin.com/in/jaxon-oconnell-17a60152/](https://www.linkedin.com/in/jaxon-oconnell-17a60152/)

GitHub

www.github.com/Jaxon-O

Additional Information

Full Driver's License

Flexible Location



Education

- 2020 – 2022 University of St Andrews
MSc Artificial Intelligence, Distinction
AI Principles, AI Practice, Object Oriented Programming, Computer Security, Signal Processing, Language & Computation, Machine Learning, Information Visualisation, Individual Project
- 2017 – 2020 Durham University
BSc Computer Science, Upper Second Class Honours
Year 1: Algorithms & Data Structures, Computational Thinking, Computer Systems, Introduction to Programming, Mathematics for CS, Maths for Engineers & Scientists
Year 2: Programming Paradigms, Software Engineering, Software Methodologies, Theory of Computation, Networks & Systems
Year 3: Advanced Computer Systems, Contemporary CS, Software Systems & Applications, Project
- 2010 - 2017 St Robert of Newminster
A-levels: Maths (A), Further Maths (A), Physics (B)
AS-levels: ICT (B), RE (D) Extended Project Qualification (B)
GCSEs: 1 A*, 6 A's, 1 B

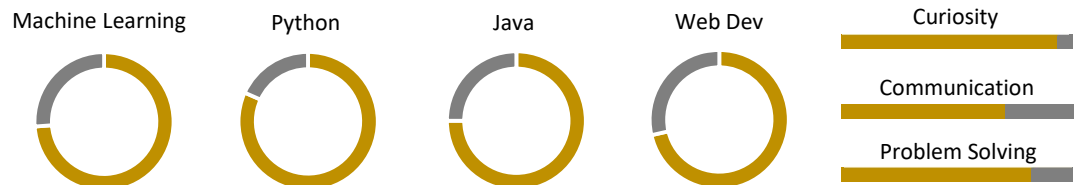


Projects

- My BSc project performed image processing on 3D MRI scans, which then used a Convolutional Neural Net to classify scans with aneurysms. My MSc project involved studying Bayesian statistics and applying it to ML, developing a Mixture Discriminant Analysis algorithm for classification without using any packages.
- Group project in year 2 of my BSc to create a full-scale website for a local charity, liaising with them to develop a bespoke front-end interface and back-end server.
- Many smaller projects such as a client-server distributed system, image/video processing & recommendation systems.



Skills



Career

- 2021, 3 mos Amazon Fulfilment Associate, part-time
- 2020, 4 mos M&S Operations Assistant, part-time
- 2019, 4 mos Raspberry Pi Facilitator
Responsible for the running of various Raspberry Pi Hackathons across the country, presenting to, teaching and assisting young people of ages 15-17 years to develop their technical skills. This would involve learning Python and using Agile development to program electronics and create a product.
- 2017 – 2018 World Challenge Ambassador
My role as an ambassador was to promote the World Challenge brand, speaking about my experiences in schools and offering support and advice to potential challengers. I would also host stalls at conferences for teachers and leaders to ask questions.
- 2017, 2 mos Advantex Work Experience
This time was spent understanding the inner operations of a business in the tech industry. I had the opportunity to work across most departments such as marketing, although my focus was on the tech department, doing tasks such as server configuration/maintenance, data cabling and IP CCTV installations.



Interests

- I'm interested in science and how it can be used to create a sustainable future
- I like to keep fit through the gym, running and martial arts, previously boxing with Durham Uni
- I enjoy travelling to new places, challenging myself to see more and push myself out of my comfort zone.
- I'm invested in self-development, always looking for ways to improve and understand others better.