

Bryn Hanby-Roberts

Curriculum Vitæ

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Education

- 2013–2017, with 2016 in industry **BSc Computer Science**, *The University of Manchester*, Manchester, **First Class**.
- Accredited by the British Computer Society.
 - First and second year units included: **OOP** in Java, **System Architecture**, **Algorithms**, Computation, Databases, Operating Systems and **Software Engineering**.
 - Led my team in our first year web project, utilising **Git** for version control.
 - Final year units included: **Agile**, **UX**, **Compilers** and **Graphics**.
 - My final year project was an iOS app that assists people learning sign languages by demonstrating hand models of different letters. It also differentiates between gestures by using the phone camera. This employed skills in computer graphics, image processing and machine learning.
- 2011–2013 **A Levels**, *Oldham Sixth Form College*, Oldham, *Attained 3 A Levels and 1 AS level*.
Computing: **A**, Mathematics: **B**, Business Studies: **B**, Physics (AS): **C**
Achievement of interest: I achieved the Computing Progress Prize for attaining the **maximum** mark in my final year coursework.
- 2006–2011 **GCSEs**, *Saddleworth School*, Uppermill, *8 GCSEs and 2 BTECs attained, relevant listed*.
English Literature: **A**, ICT: **A**, Additional Science: **A**, Mathematics: **B**, English Language: **B**
Achievement of interest: All of my GCSEs were B grade or above.

Experience

- 2017 **Software Engineer**, *Fatsoma*, Manchester.
- At Fatsoma, I work in a distributed agile team on a national ticketing platform, across the full stack. My main project is migrating the service from PHP to Golang and Ruby, and implementing a new RESTful API.
 - Tools used include: Git, Postman, Dep, CircleCI and Terraform.
 - Agile techniques employed: Kanban boards, standups, retrospectives, Scrum, TDD.
- 2015–2016 **Corporate Operations Engineer Intern**, *Google UK*, Victoria, London.
- My role at Google was based in Tech Stop, where our team solved IT issues that 'Googlers' had.
 - The job required a great depth of **knowledge** of the tools used inside Google, many of which were purpose-built. **Triaging** was a core part of my role, as it meant I could prioritise issues while focusing on certain others that called for special attention.
 - The role included vast **responsibility**, as I was the single point of contact for thousands of local and remote employees. I was also in charge of improving processes, chairing team meetings and overseeing changes to local sites.
 - My technical project was the Corp Notifications front end, which deployed notifications to a user or machine via popup, email, etc.
 - As my project work was **self-taught**, I worked independently to overcome problems and develop my solution. I met with back end developers weekly to sync up, plan and work towards a common goal.
 - I designed the front end using Google App Engine, Material Design and AngularJS to make the web app versatile, modern and coherent with Google's design spec.
 - Achievement of interest: Among much positive feedback, I was nominated for 7 peer bonus awards and 1 spot (manager) bonus for exemplary performance.
- June – September 2014 **ISR Intern**, *Apple, FileMaker*, Stockley Park, London.
Duties included:
- Meeting rolling deadlines for concurrent projects and exercising time management skills.
 - Utilising bespoke internal software such as Oasis, Salesforce and FileMaker itself.
- Spring 2014 **Walk-In IT Support Desk**, *The University of Manchester*, Manchester.
- I was the **first line** of support for student tech problems on various devices.
 - We were foundational in securing funding for the second year, proving the project a success.

Voluntary Work

2015 **Manchester Leadership Award.**

- Leadership was demonstrated by volunteering with local businesses and studying leadership styles.

2013–2015 **Comms Officer/Co-Chair**, *Computer Science Society*, The University of Manchester.

- As comms officer, managing the communications behind the **largest** Computer Science student society in Manchester was my responsibility.
- I was then **elected** as co-chair of the society, allowing me to lead the entire committee, dealing with direct reports from the team's officers.
- The main operations of the society were my decision. I interacted on a business-to-business level to ensure that our society was proficient at event management.
- I helped create a lasting sponsorship between the society and Credit Suisse.

2008-2014 **Duke of Edinburgh's Award**, *Bronze, Silver and Gold.*

The Duke of Edinburgh's Award has motivated me to become more active in my community and learn a variety of skills and sports. Activities included:

- Helping 8-10 year olds at the local cubs brigade.
- Volunteering in the village library.
- Training for and completing the Manchester 10 kilometre run in an hour.

Computer skills

Programming	Fluent in: Java, Web Languages. Some experience in: Swift, Python, C/C++, L ^A T _E X.	Application skills	Strong experience in Microsoft Office, OpenOffice and LibreOffice. I program in Vim, Atom and Eclipse.
GNU/Linux	Knowledge of Bash scripting and general Bash skills. Familiarity with the operating system.	Other operating systems	Life-long experience using Microsoft Windows. Experience using iOS, macOS and Xcode.

Interests

Programming	<ul style="list-style-type: none">○ I developed a 'watchface' for my Pebble smartwatch. It was rewarding to learn to use an API I had never worked with.○ I participate in local hackathons in my spare time, and organised The Great Uni Hack.○ I set up a personal web server, email server and name server.○ I also self-taught Swift for hobby use and my final year project.
Gaming	I enjoy the challenging element of gaming. Games like Portal (Valve), Antichamber (Alexander Bruce) and Minecraft (Mojang AB) provide logical puzzles and a creative, enjoyable experience.
Off the PC	During my time at University, socialising has become an important part of my life. I also enjoy photography as a hobby. Additionally, I keep up with the latest technology news and current affairs via sources such as BBC, Ars Technica and Gizmodo.

Additional

- Finalist for Target Jobs **Undergraduate of the Year** award in Computer Science, IT and Physics 2017.
- University of Manchester School of Computer Science **Head of School Prize.**
- **Certificate of Excellence**, awarded to the top 10% of graduates.
- Driving licence: Full, clean.

References available on request