

Finlay Williams

07397 291346
finlaywilliams@outlook.com
101B Liverpool Road, N1 0RG

Software Engineer at Microsoft with a proven track record in leading Agile teams, developing comprehensive test tools, and managing critical infrastructure. Seeking new opportunities to leverage my skills and experience.

RELEVANT EXPERIENCE

Software Engineer

September 2022 – Present

Microsoft (Azure for Operators)

- Lead QA Tester: led performance and bootstrap testing for our flagship product release, resolving multiple ship-stoppers
- Release owner: updated release processes and shipped our flagship product directly to customers
- Scrummaster: facilitated team meetings in an Agile environment, fostering an inclusive environment to enable participation across the team
- Lead test tools developer: created a comprehensive suite of test tools, ensuring performance was maintained at five nines
- Infrastructure manager: managed our Gitlab and Artifactory instances, serving over 1000 engineers
- Lead tester for product feature: designed and executed comprehensive test strategy for a new product feature, identifying multiple bugs and working with the developer to resolve them
- C-Side security developer: developed security enhancements for our flagship product, ensuring compliance with regulatory requirements

Software Engineering Intern

June 2021 – September 2021

IBM

- Participated in the extreme blue IBM internship leading a team of four over twelve weeks to build and deploy an experience for the IBM museum.
- Worked closely with the museum curators to ensure I delivered an experience that would be enjoyable for visitors and be easily maintainable for the curators.
- Created a unique augmented reality tour system for the museum running on the IBM cloud.
- The experience was built using a Python Django website using custom Javascript to facilitate the augmented reality and a PostgreSQL database. The website had an integrated IBM AI chatbot model using Node-RED.

FURTHER EXPERIENCE

Civil Engineering Intern

July 2020 – August 2020

Bechtel

- Worked closely with industry experts to create a value proposition for systems engineering.
- Gained experience in teamwork and research within a large company, working with teams in the US and India.
- Presented my findings to large groups concisely and efficiently.

Assistant Bar Manager

October 2018 – June 2021

St. Mary's College Bar

- Served customers, performed opening and closing duties including cash handling, and assisted the bar manager in scheduling, stock management and managing the team of 15 bar staff

EDUCATION

- MEng Electrical Engineering** (Distinction) 2018 –2022
Durham University
- Dissertation entitled “Optimisation of Wind Farm Power Production using Artificial Intelligence” (80%).
 - Awarded the *IET Power Student Prize* for the best Electrical Engineer in Northumberland two years running.
 - Awarded the *Vice-Chancellor’s Scholarship for Academic Excellence* for being the best Engineer in Durham.
 - Modules including: Optermisiation, Power Electronics, Computational Thinking, Electrical Energy Conversion and Renewable Energy Technologies.
- A Level Mathematics, Physics, Chemistry and Product Design** (A*A*A*A*) 2016 –2018
Colchester Royal Grammar School
- 10 GCSEs, including English and Mathematics** (6A*) 2011 –2016
Tendring Technology College

SKILLS

- **Lanuages:** Python, C, Javascript, HTML, CSS, MATLAB®, Node-RED
- **Infrastructure:** Azure, GitLab, Artifactory, VSphere, VCloud, Openstack
- **Software:** Azure DevOps, Solidworks, Autodesk Inventor, LTSpice, MS Office, L^AT_EX

INTERESTS

- **Side Projects**
 - Built, tuned, and flown racing drones.
 - Designed and 3D printed grandfather clocks.
 - Designed, manufactured, and optimized mechanical keyboards.
- **Hiking**
 - Avid ultralight hiker and vlogger.
 - Hiked over 2000 km spending 120 nights under canvas.
- **Surfer, Kite Surfer and Snowboarder**

References on Request