

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
- Lead test tools developer: created a comprehensive suite of test tools, ensuring performance was maintained at five nines
- Lead tester for product feature: designed and executed comprehensive test strategy for a few product feature, identifying multiple bugs and working with the developer to resolve them
- Scrum Master: facilitated team meetings in an Agile environment, fostering an inclusive environment to enable participation across the team
- Infrastructure manager: managed our Gitlab and Artifactory instances, serving over 1000 engineers
- C-Side security developer: developed security enhancements for our flagship product, ensuring compliance with regulatory requirements
- *Infrastructure security lead: organised the team behind tooling to improve our infrastructures security*

Software Engineering Intern

June 2021 – September 2021

IBM

- Led a team of four through the rigorous twelve week IBM Extreme Blue Internship
- Learn to work directly with clients to gather requirements and manage expectations
- Learned the fundamentals of web development, continuous integration and continuous delivery
- Deployed an immersive augmented reality website using the IBM cloud to the client
- Gained experience working in an Agile team with improving my public speaking through weekly presentations to the client

FURTHER EXPERIENCE

Civil Engineering Intern

July 2020 – August 2020

Bechtel

- Participated in a 4 week internship in Bechtel where I worked with industry experts to create a value proposition for systems engineering
- Navigated the complexity of working on an international team to delivery high quality reserach promptly
- Developed my public speaking skills by presenting my findings to the company wide

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) Durham University	2018 –2022
<ul style="list-style-type: none">– Dissertation entitled “Optimisation of Wind Farm Power Production using Artificial Intelligence” (80%)– Awarded the <i>IET Power Student Prize</i> for the best Electrical Engineer two years running– Awarded the <i>Vice-Chancellor’s Scholarship for Academic Excellence</i> for being the best Engineer in Durham– Modules including: Optimisation, Power Electronics, Computational Thinking, Electrical Energy Conversion and Renewable Energy Technologies	
A Level Mathematics, Physics, Chemistry and Product Design (A*A*A*A*) Colchester Royal Grammar School	2016 –2018
10 GCSEs, including English and Mathematics (6A*) Tendring Technology College	2011 –2016

SKILLS

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

INTERESTS

- **Personal 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