

Finlay Williams

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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) 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 two years running
 - Awarded the *Vice-Chancellor’s Scholarship for Academic Excellence* 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*) 2016 –2018
Colchester Royal Grammar School
- 10 GCSEs, including English and Mathematics** (6A*) 2011 –2016
Tendring Technology College

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 optimised 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