

# Finlay Williams

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Software Engineer at Microsoft and award winning Electrical Engineering graduate seeking new opportunities.

## RELEVANT EXPERIENCE

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### Software Engineer

September 2022 – Present

Microsoft

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### Software Engineering Intern

June 2021 – September 2021

IBM

- Worked with a client to develop a one of a kind augmented reality tour system for the IBM Hursley museum.
- Learned how to use the IBM cloud to implement a continuous deployment system for the website.
- Used Node-RED to integrate an IBM AI chatbot model.
- Used the python django model to implement the website.

## FURTHER EXPERIENCE

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### Civil Engineering Intern

July 2020 – August 2020

Bechtel

- Worked closely with industry experts to create a value proposition for systems engineering.
- Gained experience within a large company including teamwork and research skills.
- Became familiar with presenting to large groups in a concise and efficient manner.

### 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

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**MEng Electrical Engineering** (Distinction) 2018 –2022  
Durham University

- Dissertation entitled “Optimisation of Wind Farm Power Production using Artificial Intelligence” (80%)
- Power Student prize ... two years running
- Awarded Vice-Chancellor’s Scholarship for Academic Excellence
- Modules ...

**A Level Mathematics, Physics, Chemistry and Product Design** (A\*A\*A\*A\*) 2016 –2018  
Colchester Royal Grammar School

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**10 GCSEs, including English and Mathematics** (6A\*) 2011 –2016  
Tendring Technology College

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## SKILLS

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- **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<sup>A</sup>T<sub>E</sub>X

## INTERESTS

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- **Tinkering**
  - 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*