



# FIONN MURPHY

Co. Dublin, Ireland 

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fionnmurphy.github.io 



## EDUCATION

**B.S in Computer Science | University College Dublin**

SEP 2021 – MAY 2025



## SKILLS

Python – C# – Java – JavaScript – React – Flask – MongoDB – Ansible – Git



## EXPERIENCE

**Software & Infrastructure Engineer Intern | Susquehanna International Group**

MAR 2024 – AUG 2024

- Improved market making capabilities by creating an application to track stock market conditions.
- Designed and developed an application to automate and improve the QA workflow.
- Streamlined deployment process using Ansible.
- Automated generation of weekly work page using Confluence Jira API.

**Software Engineer Part-Time | SalesTier**

SEP 2023 – FEB 2024

- Added administrative features to the platform, enabling account suspending.
- Standardized interactive maps on the platform using React Leaflet.
- Overhauled scheduling form and emailing.

**Software Engineer Intern | Viasat Inc.**

MAY 2023 – SEP 2023

- Saved ~€20,000/year by fine tuning Sentry error reporting.
- Created OTP input form using React.
- Wrote tests for React applications using Cypress and Jest.
- Improved accessibility of React components.

**Software Engineer Intern | Aspire Technology**

MAR 2019 – APR 2019

- Improved company's email signature generator by writing it in C.
- Learned about waterfall and agile development.

**Coding Camp Coordinator and Teacher | Children's Coding Camp**

JUL 2022 – AUG 2022

- Applied for and received funding from SICAP.
- Designed coding curriculum.
- Delivered the course via Zoom.



## PROJECTS

### Dota 2 Matchup Recommender

- React
- I made this React application which uses real world data from recently played matches in the videogame Dota 2 to give me recommendations for good and bad hero matchups.
- [fionnmurphy.github.io/projects/dotaMatchups](https://fionnmurphy.github.io/projects/dotaMatchups)

### How Close (NASA API)

- React/Java
- This is a site I made to display information from a publicly available NASA api which provides details of near-earth asteroids.
- [fionnmurphy.github.io/projects/howClose](https://fionnmurphy.github.io/projects/howClose)

### Personal Portfolio

- HTML/CSS/JavaScript
- This is a website I use to host my projects.
- [fionnmurphy.github.io](https://fionnmurphy.github.io)



## EXTRACURRICULAR ACTIVITIES

### President | Netsoc (UCD's Computer Science Society)

MAY 2023 – MAY 2024

- Found sponsors for the society.
- Coordinated the society committee to ensure events were planned and society finances are in order.
- Currently applying for University funding to purchase society servers which will be used to give members access to virtual machines.

### Founder & Teacher | Borris CoderDojo

SEP 2018 – MAR 2019

- Founded and taught this CoderDojo of 20 primary school children in my hometown.