FIONN
MURPHY

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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 and 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

How Close (NASA API)

- React/Java
- This is a site I made to display information from a publicly availably NASA api which provides details of near-earth asteroids.
- fionnmurphy.github.io/projects/howClose

Personal Portfolio

- HTML/CSS/JavaScript
- This is a website I use to host my projects.
- 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.