

Joseph Lyons

Education

Bachelor of Science, Computing Science. (Predicted First Class Honours)

Expected Graduation: June 2024

Modules: Web Authoring, Physical Computing, Algorithms and AI, Multi-paradigm programming and Data structures, Computer Systems, Object Oriented Analysis, Information Security, Big Data.

Programming Skills: C#, Python, C++, C, Java, JavaScript, SQL, Html/CSS, Figma.

Technologies: Git, .Net, Azure Devops, Docker, Kubernetes, React, Tailwind CSS, Bootstrap.

Citizenship: American | British | Irish

Experience

Lightsource BP. – London, United Kingdom

Data Engineering intern – Summer 2022

- Project Based Learning supervised by Ricky Mistry, Head of Data and Analytics
- Tech Stack: C#, Python, Azure Devops, Git, AWS.
- Develop teamwork, corporate literacy, Working as a part of a larger company.
- Improve efficiency of current data engineering pipelines.

Aeromedics Associate Ltd, – Belfast, United Kingdom

Logistics Assistant part-time – Current

- Designed Website UX/UI using Figma.
- Moved resources on to Microsoft teams to aid online staff learning and compliance.
- Researched and found secure ways to transfer and store patient data.

Digital DNA, - Belfast, United Kingdom

Invited by Co-Founder and Kairos CEO to attend – Summer 2019

- Attended this Large tech event after connecting with co-founder through work shadowing program
- Learnt about the growing Tech industry and attended talks by experts in financial technology and artificial intelligence.

Projects

ATM Simulator: In C# Utilised Multi-threading and Semaphores to prevent data-racing. [Github](#)

Grocery Shop API: REST API written in C# Using .NET 6, MVC principles, Dependency Injection, MongoDB, Docker. [Github](#)