

SEAN FAHEY

DOB: 27.9.2000

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Currently completing a master's degree in electronic & Computer Engineering at Trinity College Dublin.

EDUCATION & PROFESSIONAL QUALIFICATIONS

The Institute of Education Dublin (5th & 6th Year)

St. Michaels College. Dublin

- Primary & Secondary School (To 4th Year)

Leaving Certificate 2019

- 613 points
- Physics, Applied Maths, Maths, French, Spanish, Geography, English

University College Dublin (1st & 2nd Year)

- Entrance Scholar award 2019
- Bachelor of Science in Electrical Engineering

2nd Year Modules	1st Year Modules
Advanced Calculus	Biomedical Science
Digital Electronics	Materials Science
UNIX Programming	Engineering Computing
Electrical Circuits	Physics for Engineers I
Project Management	Chemistry for Engineers
Solid State Electronics	Linear Algebra

Trinity College Dublin (3rd & 4th Year)

- Joint-honours Bachelor of Science in Electronic and Computer Engineering
- Finished with a 2.1 grade overall

3rd Year Modules	4th Year Modules
Engineering Mathematics V	Integrated Systems Design
Data Structures & Algorithms	Deep Learning
Microprocessor Systems	Digital Signal Processing
Digital Systems Design	Management For Engineers
Signals & Systems	Research methods
Computer Networks	Microelectronic Circuits
Telecommunications	Control Systems
Probability & Statistics	Open Reconfigurable Networks
Digital Circuits	

Programming Languages

Python, C/C++, Go, R, MATLAB, Wolfram, HTML, CSS, bash, Verilog HDL, ARM Assembly

Tools & Frameworks

Angular, Kubernetes, Vivado, QuantLib, Tensorflow, Mininet, Multisim, Docker, Git

WORK EXPERIENCE

EY

- Technology Consulting Internship 2022

Was assigned to a team managing the implementation of a software product at an Irish bank and was involved in a group project assessing the carbon footprint of a company's infrastructure.

Holy Family Nursing Home

- Part-time admin assistant, repairs, maintenance, installed new computer system

MUFG Fund Services (Financial Services)

- Fraud & Cyber Security project work

Penneys / Primark

- Retail assistant in the Dundrum store during summer 2023

LANGUAGE SKILLS

- English (Native)
- French (Fluent)
- Spanish (Basic, Leaving Cert H1)

OTHER INTERESTS

- Books: Nassim Taleb - *Incerto* Series, Ray Dalio – *Principles*, David Graeber – *Debt*, Peter Thiel – *Zero to One*, Ayn Rand – *The Fountainhead*, Niall Ferguson – *The Ascent of Money*, *The Square and the Tower*
- Fitness, football, tennis, golf
- Trinity Entrepreneurial Society, Student Managed Fund (Trinity College)
- Media: The All-in Podcast, Wallstreet Journal, Bloomberg