## SEAN FAHEY

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Currently completing my 4$^{th}$ year in Electronic & Computer Engineering at Trinity College Dublin. I have a strong interest in technology and in particular the semiconductor industry.

I have a start-up work ethic and hold myself to a high standard in all my work. I like to offer contrarian views and prioritise first principles thinking when tackling difficult problems. I believe in using an idea meritocracy wherever possible and avoiding preconceptions and prejudices. I have a wide range of interests and I enjoy learning new skills.

## EDUCATION & PROFESSIONAL QUALIFICATIONS

### The Institute of Education Dublin    (5$^{th}$ & 6$^{th}$ Year)

### St. Michaels College. Dublin

- Primary & Secondary School (To 4$^{th}$ Year)

### Leaving Certificate 2019

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

### University College Dublin        (1$^{st}$ & 2$^{nd}$ Year)

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

| 2$^{nd}$ Year Modules | 1$^{st}$ 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 |
| - Multivariable Calculus | - Calculus for Engineers |
| - Statistics & Probability | - Mechanics |
| - Electrical Energy Systems | - Physics for Engineers II |

## Trinity College Dublin          (3rd Year - Present)

- Joint-honors Bachelor of Science in Electronic and Computer Engineering

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

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

## *WORK EXPERIENCE*

### Festo (Pneumatic automation)

- Design engineer assistant on various projects

### MUFG Fund Services (Financial Services)

- Fraud & Cyber Security project work

### EY

- Technology Consulting Internship

## *LANGUAGE SKILLS*

- French (Fluent native speaker)
- Spanish (Basic, Leaving Cert HI)

- 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