

LANGUAGES

C/C++

OpenCV, OpenMP, OpenGL

Python

Scripting, Pandas, Tensorflow

Java

Springboot

Others

SQL, AWS, Bash, VHDL, MS Office

SKILLS

Linux & CLI Proficiency

Adopted Linux as my primary OS and utilized it extensively in academic modules.

Problem-Solving

Strong aptitude for diagnosing and resolving technical challenges in various projects.

Adaptability to Tools

Swiftly adapt to new tech environments and tools. Proficient with diverse toolkits throughout my degree.

Leadership

Directed multiple college projects to success.

Teamwork & Collaboration

Effective collaboration in academic teams and roles in college event organization.

Communication & Presentation

Strong communication skills honed through academics and societies. Delivered clear and impactful presentations during coursework and internships.

Organisation

Balanced college coursework with extracurriculars, showcasing organizational and prioritisation skills.

CILLIAN SMITH

Computer and Electronic Engineer

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I am currently in the 5th year of my integrated M.A.I. in Computer and Electronic Engineering at Trinity College Dublin. With a strong foundation in engineering principles and hands-on experience from internships, I am eager to start in a graduate position. I thrive in collaborative environments, quickly adapt to new technologies, and am committed to continuous learning, and professional growth.


EDUCATION

Computer and Electrical Engineering : Grade I TCD - Trinity College Dublin

2019 - Present

Currently working on a thesis in the field of Quantum Optimization. I received a First Class Honours 1st - 4th year. I have taken a wide range of engineering modules and been specialised in Electronic and Computer since 3rd year. Modules include:

- Computer Vision
- Deep Learning and Its Applications
- Digital System Design
- Algorithms for Quantum Computing

Complete list of modules:  Completed Modules

Erasmus : Grade I KTH Royal Institute of Technology Stockholm

2023

Spend a semester studying in Sweden as part of the Erasmus+ program. Completed the following modules:

- Computer Graphics and Visualisation
- Machine Learning
- High Performance Computing
- Foundations in Cryptography

WORK EXPERIENCE

EO&T Infrastructure Analyst Intern Citi Bank

Jun 23 - Aug 23

- Part of a team at Citi managing open-source software.
- Catalogued and scanned software packages for security threats and vulnerabilities.
- Implemented JSON validation for software bills of materials (SBOM).
- Familiarised with Agile development methodologies and key operational procedures.

EXTRACURRICULAR

3D Modeling: Design and printing of 3D models, for personal projects.

Self-Learning: Demonstrated a passion for continuous learning by independently acquiring skills such as playing the guitar.

Powerlifting: Member of the Trinity powerlifting team, emphasizing discipline, strength training, and teamwork.

Travel: Enjoy exploring new cultures and places, which has helped me develop a global perspective and understand diverse viewpoints.