

LEONG Isaac Nicholas



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[Linkedin](#)

COMPUTER ENGINEER

- Upcoming graduate of HKUST bachelor's in computer engineering program.
- Backed by successful internship experience and knowledge of programming.
- Familiar with computer architecture, system design, object-oriented programming.

EDUCATION

The Hong Kong University of Science and Technology (2023 - Present)

Bachelor of Computer Engineering (expected 2027 graduate)

- Course Highlights:
 - Introduction to Computer Science
 - Introduction to Electro-Robot Design
 - Introduction to Computer Organization and Design
 - Signals and Systems
 - Object-Oriented Programming and Data Structures
 - Design and Analysis of Algorithms

St. Joseph's College (2017 - 2023)

Hong Kong Diploma of Secondary Education Examination (HKDSE)

- Results Highlights:
 - Mathematics (Compulsory part): 5*
 - Mathematics (Algebra and Calculus): 5*
 - Physics: 5
 - Top 6: 30

INDUSTRY EXPERIENCE

MTR Corporation Limited

Summer Intern (jul - aug 2024)

- Worked with a team of eight, organized a company-wide roadshow and visited all railroad depots to interview site workers, promoted importance of worksite safety and security.
- Worked in collaboration with another summer intern to create a matching game using React.js for internal use.
- Completed translation work for various internal reports and documents.

Wafer Systems Limited

Summer Programmer Intern (jun - aug 2025)

- Worked in a team of three, tested the My Smart Library app rigorously and discovered 80+ bugs and glitches

PROJECTS

- Worked as a duo, created a line following robot that can follow a complex obstacle course
- Worked in a team of five, created a robot car that can be controlled by a mobile phone via Bluetooth
- Worked in a team of eight, joined the Business Economy for Space Technology Programme, designed a cubesat and business model of it.
- Created simple text games like Sudoku or minesweeper using C++ programming
- Creating a bullet hell game using Godot

SKILLS

- Language:
 - Native Cantonese
 - Fluent English (IELTS 7.5/9)
 - Conversational Mandarin/Putonghua
- Tech:
 - Familiar with C++, Python, MIPS Assembly language
 - Familiar with Arduino, MIT app inventor, electronic circuits and other hardware.

AWARDS AND CERTIFICATES

- Dean of Engineering Scholarship | HKUST
- The BEST Orion Astropreneur Space Academy (OASA) Award | Business Economy for Space Technology (BEST) Programme
- IELTS Academic overall score 7.5