

Dominicus Dylan Haryoto

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Education

The Hong Kong Polytechnic University

BSc (Hons) in Computer Science, Minor in Finance - TGPA: 4.16/4.3 (Dean's List)

Hong Kong SAR

Aug 2022 - Present

- Relevant Courses: Data Structures, Object-oriented Programming, Programming Fundamentals, Operating Systems, Discrete Mathematics, Computer Organization, Introduction to Economics, Accounting For Decision-Making
- Scholarships: Undergraduate Research & Innovation (HK\$10,000), Reaching Out Award (HK\$10,000), Talent Development 22/23, 23/24 (2 x HK\$10,000), Dr. Winnie SM Tang (HK\$10,000), HKSAR Government (HK\$80,000)

Nanyang Technological University

Exchange, Human-Computer Interaction, Visual & Predictive Techniques

Singapore

Jun 2024 - Jul 2024

Skills

Technologies: HTML, CSS, JavaScript, React, Redux, Bootstrap, SwiftUI, Python, C/C++, Java, Node, Express, MongoDB, SQL, Git, GitHub, APIs

Language: English, Chinese (Mandarin), Bahasa Indonesia, Bahasa Melayu

Work Experience

Career Hackers

Software Engineer Intern (Incoming)

Hong Kong SAR

Aug 2024

Castco Testing Centre Limited

Software Engineer Intern

Hong Kong SAR

Jun 2024 - Present

- Deployed **Traccar** on **Linux**, connected to **Microsoft SQL Server**, and used **API** in **JavaScript** for real-time data.
- Improved the internal company app for product registration using **C#** and **SQL** by adding detailed filtering options.

Hutchison Port Holdings

Data Analyst Intern

Hong Kong SAR

Jun 2023 - Aug 2023

- Utilized **PowerBI** to perform data analysis and comparison on financial data from shipping line companies.
- Used **Tableau** to establish a report about import and export statistics of potential countries for expansion.

Projects

GoPark: Eliminating Queueing Delays (In Progress)

- GoPark is an environmentally innovative smart parking app to reduce traffic congestion and improve air quality.
- GoPark achieved 3rd Place, Best GIS Award, and Most Innovative Award in PolyHack 2023. GoPark secured initial funding of **HK\$100,000** with office space in **HKSTP** under the **HKSTP** Ideation Programme.

Online Shopping System (Java, SQL): A user-friendly platform that allows customers to browse, search, and purchase products, providing a seamless and convenient online shopping experience.

Command-Line Task Management System (Java): A command-line-based task management system (TMS) that will enable its users to define, query, and modify the simple tasks they need to complete.

Personal Expense Tracker (Python): A command-line-based application that helps users to keep track of their income and spending, as well as allocating the money systemically for various purposes (e.g., saving, investment, and charity).

Extra-curricular

Google Developer Student Clubs PolyU

Vice-President

Hong Kong SAR

Aug 2023 - Jul 2024

- Selected from **100** candidates to lead a team of technical leads in organizing tech-related workshops.
- Organized **5+** tech workshops accessible to **20,000+** undergraduates, masters, PhDs, and faculty members.

Technical Lead

Oct 2022 - Jul 2023

- Hosted beginner workshop on **robotics** and **programming** using **Lego Mindstorms EV3** for **20+** non-tech students.
- Collaborated with executive committees from other divisions to **plan** and **prepare** for upcoming events.

African Evangelistic Enterprise

Service Project Lead (Engineering)

Rwanda, Africa

Mar 2023 - Aug 2023

- Led a team to install solar-powered electricity to **400+** rural households, providing light during dark hours.
- Collaborated with technical team to implement an **IoT** system with **MPPT** and **intranet** for remote monitoring.

World Robot Olympiad

Country Representative & Team Lead (Engineering)

Jakarta, Indonesia

Mar 2019 - Nov 2019

- Led the team through **planning**, **task delegation**, and **execution strategies**, achieved **top 18** in final round.
- Responsible for **robot design** and **logic programming**, successfully scored **full points** for the mission.

Awards

Merit Award — Hong Kong Techathon 2024

Jan 2024

Presidential Student Leadership Award — The Hong Kong Polytechnic University

Dec 2023

3rd Place, Best GIS Award, Most Innovative Award — PolyHack 2023

Jun 2023

Bronze Medalist & Rio Tinto Innovation Award — World Robot Olympiad 2020

Nov 2020

Gold Medalist (1st in Indonesia) — Indonesian Robotics Olympiad 2019

Sep 2019