

DOMINICUS DYLAN HARYOTO

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Education

The Hong Kong Polytechnic University

Bachelor of Science, Computer Science (Minor in Finance) - *Dean's Honours List*

Hong Kong SAR

Aug 2022 - Present

Work Experiences

Undergraduate Researcher

Graduate School, The Hong Kong Polytechnic University

- Admitted to the Undergraduate Research and Innovation Scheme (URIS)
- Aim to optimize wireless communication for fire evacuation using UAVs

Hong Kong SAR

Aug 2023 - Present

Market Research Assistant

Hutchison Port Holdings

- Extracted financial data of shipping line companies for market insights
- Analyzed countries and industries for company's expansion plan

Hong Kong SAR

Jun 2023 - Aug 2023

Student Research Assistant

Department of Computing, The Hong Kong Polytechnic University

- Installed LoRa communication on Raspberry PI using MKR WAN 1310
- Conducted experiment on server-client connection using SSH and X Window

Hong Kong SAR

Feb 2023 - Aug 2023

Volunteer Experiences

Vice President

Google Developer Student Club PolyU

- Assist technical leads in conducting workshops about technology trend
- Develop an app for ordering food in advance from PolyU canteens

Hong Kong SAR

Aug 2023 - Present

Class Representative

Department of Computing, The Hong Kong Polytechnic University

- Selected by the faculty members to attend meetings with the department
- Collect feedback from classmates about the curriculum for improvement

Hong Kong SAR

Dec 2022 - Present

Project Volunteer

African Evangelistic Enterprise

- Installed solar-powered electricity in 400 households in rural areas
- Implemented an IoT system with MPPT Controller for data tracking purposes

Rwanda, Africa

Mar 2023 - Aug 2023

Innovation and Technology

PolyU E-Formula Racing Team

- Developed RC car learning curriculum for secondary school students
- Built the RC car using Arduino and provided online video content

Hong Kong SAR

Nov 2022 - Jun 2023

Projects

PolyONE: Transforming Campus Experience

- Consolidate separated apps and platforms into one single, unified university app for campus services
- Implement NFC technology to provide easier access for students and staffs to enter campus facilities

GoPark: Environmentally-innovative

- Reduce traffic congestion by helping drivers locate parking spots using real-time data and sensors
- Improve air quality by minimizing parking search time, resulting in decreased vehicle emissions

Achievements

Presidential Student Leadership Award of Department - The Hong Kong Polytechnic University

Dr Winnie S M Tang PolyU Student Innovation and Entrepreneurship Scholarship - PolyVentures

HKSAR Government Scholarship - HKSAR Government

3rd Place Award & Best GIS Award - PolyHack 2023

Talent Development Scholarship - HKSAR Government

Bronze Medalist & Rio Tinto Innovation Award - World Robot Olympiad Canada 2020

Gold Medalist - Indonesian Robotics Olympiad 2019

Links

Personal Website - <https://dylanharyoto.github.io/>

LinkedIn - <https://linkedin.com/in/dylanharyoto>

Skills

Technologies: Python, C/C++, HTML, CSS, JavaScript, SQL, Java, R

Language: English, Chinese (Basic), Bahasa Indonesia