

# DARRICK AARON UNTARMAN

INFORMATION TECHNOLOGY WITH A SPECIALISM IN INTERNET OF THINGS (IOT)



## CONTACT

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<https://darr-02.github.io/Website-Portfolio/>

## SKILLS

- Arduino
- SQL
- R
- PHP
- C
- NI LabView
- Python
- Web Dev (HTML, CSS, JavaScript)
- Java

## LANGUAGES

- English
- Hokkien
- Bahasa Indonesia
- Mandarin
- Bahasa Melayu

## CERTIFICATIONS

- Vice Chancellor's (VC) List for Academic Excellence
- Introduction to Networking (Cisco Network Academy)
- Introduction to IoT (Cisco Network Academy)
- JavaScript Essentials 1 (Cisco)

## REFERENCE

**Dr Kamalanathan Shanmugam**  
Sr. Lecturer, Asia Pacific University  
Email: kamalanathan@apu.edu.my



## PROFILE

A motivated and passionate Internet of Things (IoT) student keen to expand new knowledge and experience. Proficient in Python, Java, HTML, CSS, Arduino. Strong problem-solving skill and analytical skills in university projects. A quick learner, adaptable, and eager to enhance high-quality work and professional skills.



## EXPERIENCE

### Technical Assistant Training

Oct 2024 - Dec 2024

- Assisting lecturers and students in resolving technical problems in classrooms and labs like software installation issue.
- Provided support and troubleshooting for teaching and learning such as projector issue.
- Collaborate in a team to solve computer-related problem.
- Hands-on experience in pc building, changing projector bulb, crimping network cables, and reimaging system during the workshop.

### Crew member of APU Mega career fair

March 2025 - May 2025

- Managed a TED Talk activities and preparing CV/Resume submission QR code for each company booth.
- Communication skills between team members to ensure the event run smoothly.



## PROJECTS

### Smart dustbin Internet of Things (IoT) project

- Smart dustbin is designed to improve the efficiency in waste management by touchless operation.
- Tools used in this project consisting of Ultrasonic sensor, Servo motor, Arduino Maker Uno, Battery, and Arduino IDE Software

### Contactless Car Wash System using NI LabView

- Used NI LabView software to control the simulation of the contactless car wash system.
- Implemented a client-server (TCP/IP) communication method in NI LabView to transmit and store the washing data.



## EDUCATION

### Bachelor of Science in Information Technology with a specialism in Internet of Things (IoT)

2023-2026

School of Computing & Technology | Asia Pacific University

Cumulative GPA: 3.65 / 4.0