

Pang Jun Wen Adric

(65) 8399 7199 • adricpjw@u.nus.edu • www.linkedin.com/in/adric-pang-740646128/

EDUCATION

National University of Singapore

Aug 2019 – Present

Bachelor of Engineering (Computer Engineering), Honours

- Second Major in Innovation & Design Programme (IDP)
- NUS Merit Scholarship
- Current CAP: 4.81 / 5.00
- Year 3, Expected date of graduation: May 2023

Anglo-Chinese School (Independent)

Jan 2011 – Nov 2016

- Attained 43 / 45 points for International Baccalaureate Diploma (IBDP)

WORK AND INTERNSHIP EXPERIENCES

AMD, Engineering Intern

Jan 2022 – Present

- Supported system level testing of Ryzen/Radeon computing chips, ensuring that performance and power management benchmarks are met
- Implemented use of multiple virtual machines (VMs) on servers to reduce the number of required hardware for testing
- Assisted in test validation and debug to determine test coverage for upcoming Ryzen/Radeon business units, optimizing test times per chip

Bosch, Robotics Intern

May 2021 – Aug 2021

- Designed and implemented a pick by light solution for smart plastic sorting on a conveyor belt through RPi and ROS framework
- Programmed TTGO T-Watch wearable to display green ticks or red cross and vibrate depending on incoming messages via MQTT communication framework

Red Dot Robotics, Software Intern

Jul 2020 – Apr 2021

- Implemented a working Arduino-based control system for an autonomous scrubber vehicle
- Integrated DualShock 4 Control interface via ROS for remote control of an autonomous scrubber for safety and interference purposes
- Proposed and implemented basic code testing via GTest and ROS test to ensure that each build meets the requirements of the mission

honestbee, Operations Executive

Nov 2018 – Jun 2019

- Optimised internal workflow processes for Fleet management team such as tracking of resource allocation on Google sheets with Google Apps Script
- Optimised client-end product interfaces such as order generation on Excel for GoodShip
- Developed an interface for assessing the financial status and projection for the GoodShip vertical

ADDITIONAL INFORMATION

- **Languages:** Fluent in speaking and writing English, decent in Mandarin
- **IT Skills:** Solidworks, Excel VBA, Google Apps Script, Flutter, C++, Python, ROS, Git version control, basic HTML/CSS3
- **Interests:** Boulderling, Videogames, Podcasts and Audiobooks, Food, Reading