

# POH WEI PIN

+65 9475 5548 • pohwp99@gmail.com • [bit.ly/pohwp\\_linkedin](https://bit.ly/pohwp_linkedin)

## EDUCATION

### National University of Singapore

Aug 2021 - Present

- **Bachelor of Engineering – Computer Engineering** (Expected Graduation: May 2025)
- Highest Distinction (1<sup>st</sup> Class Honours)
- Dean's List AY22/23 S1
- Google's Developer Student Club (Software Engineer) – Development of a content management system website for Mercy Relief, a worldwide disaster relief NGO using Next.JS, HTML and CSS
- Google's Developer Student Club (Internal Tech Associate) – Conducted a Machine Learning Workshop on Neural Network and CNN for over 50 NUS students and the public on zoom (Using Google Colab & Tensorflow)
- NUS Raffles Hall Residences (RH Developers) - Involved in the development of Hall website and web application that caters to over 400+ residents using ReactJS and CSS technologies

### Coursework and Relevant Modules

- EE2026 (FPGA Digital Design in Verilog) - A+
- CS1010 (Foundational Programming in C)
- CS2040C (Data Structures and Algorithm in C++)
- CG2111A (Raspberry Pi, Arduino UNO, and Lidar SLAM in C++)
- CG1111A (Arduino UNO, Ultrasonic, Colour Sensor in C++)

### Millennia Institute – Singapore-Cambridge A-Levels (Science)

Jan 2016 – Jan 2018

- RP: 80/90 ABB/C
- Involved in NUS Suzhou Research Institute Business Overseas Immersion Programme (Start-up Incubator) (Business proposal chosen as most innovative)
- Top 10% of Student Cohort (2016, 2017 and 2018)
- Singapore HDB National Cool Ideas Competition (3rd Place) (Noise Monitoring System Prototype built using Arduino, Programmed with C++)
- West Zone Student's Science Symposium (Won the most innovative award under national pre-university category)
- Participated in National Data Wiz Challenge (Big-Data Analysis)

## WORK AND INTERNSHIP EXPERIENCES

### Autove Pte Ltd – Project (Software Engineering) Intern

May 2022 – Present

- Full Stack Software Engineering Intern
- Involved in communicating company's business idea and goals with industry partners in Singapore startup launchpad @ One-North during JTC's Tech Fiesta 2022.
- Building of company's proof of concept web app from scratch using Google's Flutter & Firebase technology stack
- Established comprehensive end-user documentation in robot integration, setup, authentication, and deployment of our in-house developed software solution.
- Prepared translated API Documents (Mandarin to English) and communicated with our overseas partner in robot integration and backend support

### Safe Distancing Ambassador

Apr 2021 – Jun 2021

- Built/coded a Telegram bot in python (hosted on Google Cloud) which was able to help me to generate easy-to-fill in hourly compliance reports that keeps track of the F&B outlets and wellness spaces compliance and crowd level. This bot greatly improved the accuracy and time taken for my team to write each compliance report.

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## PROFESSIONAL CERTIFICATION

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**Certified Google Cloud Associate Cloud Engineer**

**Dec 2020 – Present**

- <https://www.credential.net/4f26c23e-8ba0-4033-9452-7a79e7dbbb96>

## ADDITIONAL INFORMATION

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- **Languages:** Proficient in English and Mandarin, Elementary in Malay, C++, Python, C, React.JS, Next.JS, HTML, CSS, Dart (Flutter), Verilog, Basic Java
- **IT Skills:** Adobe Photoshop & Premiere Pro, Microsoft Office, OOP (C++), gCloud Computing Platform, Google Firebase
- **Interests:** Drone Photography & Filmography, Non-fiction books (Self-Help & Biographies), Muay Thai, Frisbee, Trekking