Ng Chun Wei Danny

Mobile No.: +65 8182 6222 | **Email:** dngcw@hotmail.com | **Nationality:** Singaporean

EDUCATION

NANYANG TECHNOLOGICAL UNIVERSITY, SINGAPORE   Aug 2019 – May 2022
School of Electrical and Electronic Engineering
Bachelor of Engineering (Honours), Electrical and Electronic Engineering,
expected graduation (May 2022)

SINGAPORE POLYTECHNIC   Apr 2014 – Mar 2017
Diploma in Electrical and Electronic Engineering

ACADEMIC PROJECT

SINGAPORE POLYTECHNIC   Aug 2016 – Feb 2017
Final Year Project - Title: Autonomous Precision Landing Quadcopter
- To develop intelligent autonomous Unmanned Aerial Vehicle (UAV) to be able to fly autonomously using onboard sensors and processing unit, navigate through waypoints and avoid obstacles.
- Assembled a quadcopter with necessary components to program it to avoid obstacles and navigate through waypoints.
- Programmed quadcopter to fly smoothly through assigned waypoints in "Mission Planner" for storing waypoints in the flight controller board.

WORK EXPERIENCE

PICKUPP – (Internship)   May 2021 – Jul 2021
Intern (Software Engineer)
- Wrote and optimised new front-end functionality on their Warehouse mobile application using React Native to enhance user interface and experience.
- Successfully presented my findings and solutions to large audience including senior executives and stakeholders.
- Effectively addressed complex bugs using Reactotron and other tools.
- Worked with various developer tools such as Node,js, Docker and PostgresSQL.

TOPPAN ECQUARIA – (Internship)   Aug 2020 – Dec 2020
Intern
- Self-learnt HTML, CSS, JavaScript, Jquery, and Bootstrap and developed HTML mockups for a government-based web page, IPOS.
- Worked with Java Server Page and self-learnt JSP Scripting to create mockups which reduced time and effort in producing up to more than 5 pages at once.
- Assisted with the preparation of the functional specification documents for review and document sign off.

PROFESSIONAL DEVELOPMENT

- Machine Learning – Stanford University   Jan 2021
- Front-end Web Development with React – The Hong Kong University of Science and Technology   Dec 2020
- Front-end Web UI Frameworks and Tools: Bootstrap 4 – The Hong Kong University of Science and Technology   Nov 2020

SKILLS

- **Languages:** Fluent in HTML, CSS, Javascript, Python; Familiar with SQL and Jquery
- **Platforms:** Experience with Node.js Docker, PostgresSQL
- **Frameworks:** Expertise in JavaScript frameworks including React.js and React Native
- **Version Control:** Familiar with GIT