Timon Liu

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Status: Australian Permanent Resident   Driving licence: C class, manual licence

Education

University of Western Australia   **Feb 2020 – Dec 2022**
- Bachelor of Science
- Software Engineering
- Data Science

Nanyang Polytechnic, Singapore   **Apr 2014 - May 2017**
- Diploma in Digital and Precision Engineering and Manufacturing

Anderson Secondary School, Singapore   **Jan 2009 – Dec 2013**
- National Cadet Corps
- Achieved rank of Sergeant, in charge of equipment supply and maintenance

Work Experience

Cherry & Grapes Restaurant   **Nov 2020 – Present**
- Waiter and assistant barista

Sunflower Restaurant   **Nov 2018 – Nov 2020**
- Restaurant food preparation and serving

Singapore Airport Terminal Services (SATS)   **Apr 2017 - Jul 2018**
- Airport Apron Officer supervising ramp loading/unloading operations
- Filing service report of flight operations
- Monitoring airline standard operating procedures for compliance

Projects

Dental Screening Application | *React Native, JavaScript, Firebase*
- A mobile application built to engage with children living in rural area
- Daily quiz designed with fun animation and the app's very own mascot
- Building teamwork with 4 other members, and negotiating the scope with client

GPS guided RC/Robot | *C, Fritzing*
- A modified hobby grade RC with GPS, compass, Arduino Nano, and PCB
- Moves to designated longitude and latitude coordinates and returns home
- Speed control using ESC, and steering control using dedicated steering servo

Internetworked Application | *C, Python*
- An application that compiles and links C programs across different computers
- Developing a server and two clients, one in C and the other in Python
- Clients sends commands, server executes the commands and reply to clients

Skills

Languages: Fluent in both spoken and written English and Mandarin
Software: Solidworks, Siemens NX, Fusion 360, Power BI, Weka, Fritzing, Excel
Computer Languages: Python, Java, C/C++, SQL, HTML/CSS, JavaScript, R
Frameworks/Libraries: NumPy, Pandas, Matplotlib, Flask, Git, React Native, Arduino