

Timon Liu

Mobile: 0426 885 144

Email: Timonliu326@gmail.com

Website: <https://timon-l.github.io/>

Github: <https://github.com/Timon-L>

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

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 mascot, improving engagement
- Building teamwork with 4 other members, and working closely with client
- Led initiative to help team members, ensuring no one is left behind

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
- Leading and guiding team with no prior experience to coding

Internetworked Application | *C, Python*

- An application which compiles and links C programs across different computers
- Developing a server and two clients, one in C and one in Python
- Clients sends commands, server executes commands and reply to clients

Employment

Cherry & Grapes Restaurant

Nov 2020 – Present

- Waiter and assistant barista

Sunflower Restaurant

Nov 2018 – Nov 2020

- Coordinated food preparation and service

Singapore Airport Terminal Services (SATS)

Apr 2017 – Jul 2018

- Airport Apron Officer supervising and leading ramp loading/unloading operations
- Filed service report of flight operations
- Monitored flight services, meeting airline standard operating procedures

Skills

Languages: English and Chinese

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, MongoDB