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## Education

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**Currently Studying, at Murdoch University, Bachelor of Information Technology in Mobile and Web Application Development and Computer Science Part-Time (Expected graduation mid-2025)**

**Singapore Polytechnic, Singapore - Diploma in Aerospace Electronics from 2013-2016**

**Singapore Polytechnic, Singapore Diploma Plus in Website Development and Application, Advance Digital Electronics from 2015-2016**

## Skills

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Programming: C, C++, Java, HTML5, CSS, JavaScript, SQL, Python

## Projects

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### Software Development Projects using QT Creator:

- Mathematic for Kids Desktop Application
- Inventory Tracking Desktop Application
- Financial Planning Desktop Application
- Trading Risk Management Desktop Application
- Guessing Game Desktop Application

### Website Development Projects:

- Online Resume
- Fitness Business Website

### Android Application Project:

- Calculator Mobile Application

### IOS Application Project:

- Calculator Mobile Application

## Work Experience

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7/9/2021 -29/5/2024.

### Avnet Singapore - Technical Support Engineer / Programming Engineer

- Troubleshooting Software and hardware issues on Windows OS.
- Developing of internal inventory tracking application for internal tracking of component that requires calibration.
- Z, Y, Z Mechanical movement Calibration, Vacuum Sensors Calibration, IC Sockets Maintenance, Camera Calibration, Input Tray/Output Tray Sensor Testing.
- Research and development on areas to reduce production fault by 90%. Enhancing overall production or reducing downtime.
- ISO 9001 QMS Audit Certified.

1/11/2019-1/9/2021

**Kulicke & Soffa, Singapore** - *Associate Engineer*

- Calibrate the X, Y, and Z Axis of the wire bonding mechanism, Optics, rail width, and gripper force mechanism, loading and unloading trays, temperature module, Heat block alignments, Table Mapping, and bond force.
- Debugging, troubleshooting, and Software Configuration and testing.
- Updating Linux, Window OS.

1/1/2017-1/7/2019

**Grab, Singapore** - *Merchant Acquisition/Software Support*

- Ensure projects are delivered on time, and perform "Create, Read, Update and Delete" on the platform for external stakeholders.
- Schedule Software Application updates on the time-sensitive launch of new products for internal stakeholders.
- Liaising with both internal stakeholders and external stakeholders.
- Perform software updates.

1/1/2014-1/1/2015

**ComfortDelGro, Singapore** - *Associate Engineer / IT*

- Provide enhanced updates on OS and encryption of in-house devices.
- Enhance technology security by Configuration and facilitate the update of software and encryption.
- Troubleshooting and testing of application.
- Troubleshoot Networking issues of devices.