

Singapore

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Malcom Teh Wei Ye

Availability

Summer Internship 10 Weeks May 2022 - Jul 2022

Structured Internship: 20 Weeks Aug 2022 - Dec 2022

Skills

Fluent Skills: Java , Android and Mobile Development/ Design, Unity Development, C# , Database Management, Firebase, SQL & MongoDB.

Other Skills: Agile, Scrum development practices, React web development, Git, Firebase, Java Server Pages, C++.

Languages

English, Chinese.

EXPERIENCE

Quantum Inventions, Singapore — *Android/Java Developer*

Oct 2016 - Sep 2017

Worked on several projects related to Logistics, Navigation , Enterprise Application and several R&D projects.

- Integrated automation testing using JUnit to improve the quality of deliverables by over %50.
- Developed mobile & enterprise deliverables for clients such as PSA, Maybank and Toyota.
- Streamlined delivery process of products to end users by introducing new techniques and external plugins using CMake and JFrog.

SG Tracker — Android

- Mobile app for Vehicle fleet management and location tracking.
 - Liaised with clients to solve key issues, and implemented feature upgrades per client's request.
 - Skills: Android, Java, SQL , Crashlytics.
 - <https://play.google.com/store/apps/details?id=com.sgtrack.tracker&hl=en>
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EDUCATION

Nanyang Technological University, Singapore

Oct 2019 - Dec 2022 (Expected)

Bachelor of Engineering in Computer Science

- On track Honours (Distinction).
- On track double Specialization in Cyber Security and Data Analytics.

Singapore Polytechnic, Singapore

Apr 2014 - Mar 2016

Diploma in Information Technology

- Specialized in Game Development (Unity, Unreal Engine) and Enterprise Application Development (Java Server Pages).
- GPA 3.75 / 4.

ACADEMIC PROJECTS

Final Year Project

Aug 2021 - Apr 2022 (Expected)

Mobile Application for Health Assessment and Intervention

- Implemented a healthcare orientated mobile game, to encourage elderly participation, Unity 3D; implement feature requests and upgrades to existing applications.
- Introduced an innovative story driven game narrative to promote a healthy lifestyle among users.
- Skills: C#, Unity 3D, Photoshop, AfterEffects

Android Mobile Application

Aug 2020 - Nov 2020

Easy Tracker

- Live GPS Tracking of Contractors/Logistic Transport islandwide, through an Android mobile application.
- Skills: Java, Android, Firebase.
- <https://github.com/mal977/EasyTrackerAndroid/blob/master/README.md>

Data Mining & Analytics Project

Feb 2020 - Apr 2020

Nepal Earthquake Damage

- Analyzed Nepal earthquake damage, and created an accurate classification model.
- Leveraged the use of external tools such as Amazon Sagemaker, to achieve an accuracy of 73%.
- Top 300 placing in Kaggle.
- Skills: Python, Amazon Sagemaker

PERSONAL PROJECTS

React Website

Portfolio Website

- Personal website build in React, and designed using Material UI.
- <https://malcomteh.me/>

AWARDS

Letter of Recommendation - Quantum Inventions

2017

“ As an Android application developer, he showed great interest in learning and adapting new technologies. His ability to think beyond the work makes him a better programmer. ”