

Michael Dao

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Highly enthusiastic Software Engineering student with a passion for programming, Hackathon champion seeking an internship at a motivating and successful organisation.

Education - [Royal Melbourne Institute of Technology \(RMIT\)](#)

- **Bachelor of Computer Science (BP094)** 2/2017 - 7/2017
 - **GPA:** 4.0 / 4.0 (before credit transfer)
 - **Bachelor of Software Engineering (BP096)** 6/2017 - 12/2020
 - **GPA:** 3.3 / 4.0 (not incl. BP094)
 - **GPA:** 3.65 / 4.0 - **WAM:** 78.75% (Average across computing subjects BP094 & BP096)
 - RMIT Academic transcript as of 3rd August 2018 [here](#).
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Experience

- **RMIT Information Technology Services - QA Tester** 9/2018 - Present
 - Created **JSON** queries to test production API & backend with **SoapUI**
 - **Ohm Power - Front End Developer Intern** 6/2018 - Present
 - Designed, coded and modified website according to design specifications
 - Collaborated with other developers to overhaul website into **Keystone JS** from WordPress
 - Animated Google AdWords with **HTML5 & CSS**, and have produced higher click/conversion rates
 - **CSIT Mentoring program - Volunteer Mentor** 2/2018 - 7/2018
 - Enhanced learning experience of fellow students with **Java, C, SQL** for assignments
 - Encouraged good coding practices such as **JUnit** testing, debugging, commenting & refactoring
 - Assisted students with **HTML5, CSS, JavaScript, and PHP** for web projects
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Projects

- **SBC #HackTheCity 2018 - 2nd place** - \$1000 - "Most Promising Startup" award from [SBC](#)
 - Created shift management app with **Node.js** and **React-Native** with a client from [spotless](#)
 - **RMIT IoT+AR Hackathon 2018 - 2nd place** - \$4000 - "Most Innovative Solution" award from [Hendry](#)
 - Solved problem of "leveraging knowledge between staff" for [LendLease](#) with **Vuforia AR**
 - **RMIT ITS Hackathon 2018 - 2nd place** - \$2000 - Recruitment to ITS
 - Designed livestream app for student collaboration in lectures with a **Node.js** chatroom MVP
 - **Other projects**
 - **Self-driving car** - **Arduino** with Proximity sensor & **C++** avoids obstacles as it moves
 - **Multiplayer Monster** - Applied **Dijkstra's** algorithm to AI movement in a multiplayer **Java** game
 - **Genetic AI Maze** - Generations of AI learn how to navigate a maze, visualised in **Processing**
 - **Invoice Generator** - Designed digital records in **VB.net** with **XML** records for a courier business
 - **Shop Cart** - Implemented Paypal sandbox with **Node.js, ReactJS & Redux** for a **Scrum** sprint
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Skills

- **Languages:** Java, Python, C/C++, C#, VB.net, HTML5, CSS, JavaScript, Processing, PHP, SQL/MySQL
- **Other:** Node.js, Bootstrap 4, React/Native, Redux, Angular, Keystone JS, Git/Version Control, XML, JSON, Agile (Kanban/Scrum), Linux/Unix