

Michael Dao

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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)** 7/2017 - 12/2020
 - **GPA:** 3.3 / 4.0 (not incl. BP094)
 - Average across computing subjects (BP094 & BP096) - **GPA:** 3.65 / 4.0 - **WAM:** 78.75%
 - 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 the production backend and API with **SoapUI**.
 - **Ohm Power - Front End Developer** 6/2018 - Present
 - Designed, coded and modified the website according to design specifications.
 - Collaborated with other developers to redesign website with **Keystone JS** and **Hbs** templating.
 - Designed animated **HTML5**, **CSS** Google AdWords that produced higher click & conversion rates.
 - **CSIT Mentoring program - Mentor** 2/2018 - 6/2018
 - Enhanced learning experience of fellow students with **Java**, **C**, **SQL** for assignments, as well as **HTML5**, **CSS**, **JavaScript**, and **PHP** for web projects.
 - Mentored 5 students on average per session, taught each student vital programming skills such as **JUnit** testing, debug breakpoints & good coding practices such as commenting or refactoring.
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Projects

- **SBC #HackTheCity 2018 - 2nd place - \$1000 cash prize**
 - Solved pain point "Millions are spent on contractors for busy seasons" for [spotless](#).
 - Created shift swapper app with **Node.js** and **React-Native**, practiced **Kanban** in a team of 7.
 - Rewarded "Most Promising Startup" by Startupbootcamp
 - **RMIT IoT+AR Hackathon 2018 - 2nd place - \$4000 cash prize**
 - Developed AR Document manager to help [LendLease](#) "leverage knowledge between staff"
 - **Bootstrap 4** styling, **PHP** backend lets users add comments, images & **Vuforia AR** to documents.
 - Rewarded "Most Innovative Solution" by Hendry Group
 - **RMIT ITS Hackathon 2018 - 2nd place - \$2000 cash prize**
 - Proof of concept is a livestream, chat room webapp for student collaboration in lectures.
 - Applied **HTML5** and **Node.js** WebSockets to our chatroom MVP.
 - **Other projects**
 - **Self-driving car** - Car uses Proximity sensor & Arduino to avoid obstacles as it drives, with **C++**.
 - **Genetic AI Maze** - Dots learn how to navigate around a maze, visualised in **Processing**.
 - **Guess Who AI** - AI players battle against each other in a **Java** Guess who game.
 - **Multiplayer Monster** - Applied Dijkstra's algorithm to the AI movement in a **Java** game.
 - **Invoice Generator** - Designed digital records in **VB.net** with **XML** for a courier business.
 - **Shop Cart** - Implemented Paypal with **Node.js** & **ReactJS**, practiced weekly **Scrum** sprints.
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Skills

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