

Michael Dao

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Education - Royal Melbourne Institute of Technology (RMIT)

- **Bachelor of Computer Science - BP094** 02/2017 - 07/2017
 - ◆ GPA: 4.0 / 4.0 (before credit transfer)
 - **Bachelor of Software Engineering - BP096** 07/2017 - 12/2020
 - ◆ GPA: 3.3 / 4.0
 - **Across both 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

- **Ohm Power - Front End Developer** 06/2018 - Present
 - ◆ Collaborated on projects with **Git** for version control with other developers when overhauling the existing website into a **Keystone JS** CMS with new redesigns of **UX** centered wireframes.
 - ◆ Redesigned google adwords campaign with **HTML5** and **CSS** for keyframe animations that attracted higher click/conversion rates.
 - **CSIT Mentoring program - Student Mentor** 02/2018 - 06/2018
 - ◆ Enhanced the learning experience of fellow students with **Java** and **C** for programming assignments, as well as **HTML5**, **CSS**, **JavaScript**, and **PHP** for web assignments.
 - ◆ Mentored 4 recurring students as I watched them develop and adopt my skills such as test driven development with **Java JUnit** for testing and breakpoints for debugging.
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Projects and Achievements

- **RMIT ITS Hackathon - 2nd place / 13 Teams - \$2000 AUD prize** 08/2018
 - ◆ 24 hour hackathon tackling "flipped perspectives" organized by ITS and CSIT society.
 - ◆ Designed the proof of concept, a live stream and chat room web application for students in lectures, developed the prototype with **Node.Js** websockets for chat functionality.
 - **RMIT IoT+AR Hackathon 2018 - 2nd place / 8 Teams - \$4000 AUD prize** 08/2018
 - ◆ Worked closely with [LendLease](#) to solve, "How do we leverage knowledge between staff?"
 - ◆ Designed a smart document manager with **Vuforia Augmented Reality** built in for interactivity.
 - ◆ Developed the web application with **Bootstrap 4** for the frontend, **PHP** for the backend, also hacked together an **Android SDK app** for our webview and demonstration.
 - **Rewarded the "Most Innovative Solution" award by Hendry Group**
 - **SBC #HackTheCity 2018 - 2nd place / 18 Teams - \$1000 AUD prize** 09/2018
 - ◆ 24 hour event for students, employees from [Downer](#) & [Spotless](#) design a smarter melbourne.
 - ◆ Solved a pain point, "Companies spend millions on contractors or new recruits for major events"
 - ◆ Applied **design thinking** and **lean canvas** to develop a smart shift manager in the **React-Native** framework with **Node.Js**, practiced the **Kanban Agile** methodology in our team of 7.
 - **Rewarded the "Most Promising Startup" award by Startupbootcamp**
 - **Personal projects**
 - ◆ [Self driving car](#) - Proximity sensor and Arduino with **C++** code can avoid obstacles as it moves.
 - ◆ [Genetic AI Maze](#) - Smart dots learn how to navigate around a maze, visualised in **Processing**.
 - ◆ [Google Images Scraper](#) - **Python** script that automates image downloads from a google search.
 - ◆ [Guess Who AI](#) - Simulated two AI players to compete against each other in a **Java** game.
 - ◆ [Multiplayer Monster](#) - Implemented Dijkstra's algorithm for the AI in this **Java** game project.
 - ◆ [Invoice Generator](#) - **Visual Basic** program made for a courier business in high school.
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Skills

- **Languages:** Java, Python, C, Visual Basic, HTML5, CSS, TypeScript, JavaScript, PHP, SQL, Processing.
- **Other:** Node.js, Bootstrap 4, ReactJs, React-Native, Redux, SASS, Keystone JS, Git/Version Control, Agile (Kanban/Scrum), Linux.