

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 with other developers to overhaul the existing website into the **Keystone JS** CMS, while maintaining the **MVC pattern**.
 - ◆ Redesigned advertisements with **HTML5** and **CSS** for animations which have produced higher click/conversion rates for Google AdWords.
 - **CSIT Mentoring program - Student Mentor** 02/2018 - 06/2018
 - ◆ Enhanced learning experience of fellow students with **Java**, **C**, **SQL** for assignments, **HTML5**, **CSS**, **JavaScript**, and **PHP** for web projects.
 - ◆ Mentored 4 recurring students, teaching them vital programming skills such as **Junit**, breakpoints and good coding practices such as commenting or refactoring.
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Projects

- **SBC #HackTheCity 2018 - 2nd place / 18 Teams - \$1000 AUD prize** 09/2018
 - ◆ 24-hour event where students, employees from [Downer](#) & [Spotless](#) create a Smarter Melbourne.
 - ◆ Solved pain point, "Companies spend millions on contractors & new recruits for major events"
 - ◆ Applied **design thinking** and **lean canvas** to ideate an uber inspired shift swapper with **Node.js** and **React-Native**, practiced **Kanban Agile** methodology in our team of 7 to deliver our app.
 - Rewarded the "Most Promising Startup" award by [Startupbootcamp](#)
 - **RMIT IoT+AR Hackathon 2018 - 2nd place / 8 Teams - \$4000 AUD prize** 08/2018
 - ◆ Worked closely with [LendLease](#) to "leverage knowledge" with "lesson learned" documents.
 - ◆ Solution is a document manager users can contribute to with **Vuforia AR** integrated for interactivity. Our webapp used **Bootstrap 4** for the frontend, **PHP** for the database backend, also developed an **Android SDK app** for the live demonstration.
 - Rewarded the "Most Innovative Solution" award by [Hendry Group](#)
 - **RMIT ITS Hackathon - 2nd place / 13 Teams - \$2000 AUD prize** 08/2018
 - ◆ 24-hour hackathon tackling "flipped perspectives" aka "students teaching students".
 - ◆ Designed proof of concept, twitch inspired chat room for student collaboration in lectures, worked on chatroom functionality with **Node.js** WebSockets for our MVP.
 - **Other projects**
 - ◆ **Self-driving car** - Proximity sensor built with Arduino in **C++**, avoids obstacles as it moves.
 - ◆ **Genetic AI Maze** - Smart dots learn how to navigate around a maze, visualised in **Processing**.
 - ◆ **Guess Who AI** - AI players compete against each other in a **Java** Guess who game.
 - ◆ **Multiplayer Monster** - Implemented Dijkstra's algorithm for the AI in a **Java** multiplayer project.
 - ◆ **Google Images Scraper** - **Python** script automates image downloads from a google search.
 - ◆ **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.