

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
- 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 - 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
 - Solved pain point, "Millions are spent on new recruits & contractors for major events" by applying **design thinking** and **lean canvas** to ideate the solution, an uber inspired shift swapper.
 - Used **Node.js** and **React-Native** for basic functionality, practiced **Kanban Agile** methodology in our team of 7 for a smooth project workflow to create the app.
 - **Rewarded the "Most Promising Startup" award by Startupbootcamp**
 - **RMIT IoT+AR Hackathon 2018 - 2nd place / 8 Teams - \$4000 AUD prize** 08/2018
 - **LendLease** tasked us to solve their problem "leveraging knowledge between staff", our solution is a document manager users contribute to with added **Vuforia AR** interactivity.
 - Applied **Bootstrap 4** for styling, **PHP** for document generator, user comments and database. Enhanced live demonstration of our MVP with an **Android SDK app**.
 - **Rewarded the "Most Innovative Solution" award by Hendry Group**
 - **RMIT ITS Hackathon - 2nd place / 13 Teams - \$2000 AUD prize** 08/2018
 - 24-hour hackathon for "flipped perspectives", proof of concept is a twitch inspired chat room for student collaboration in lectures. Chatroom functionality achieved with **Node.js** WebSockets.
 - **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.