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.

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.*

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.*

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.*