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 - GPA: 3.65 / 4.0 WAM: 78.75% - BP094 & BP096*
- RMIT Academic transcript as of 3rd August 2018 here.

Experience

- **Ohm Power - Front End Developer**   **6/2018 - Present**
  - *Designed, coded and modified the website according to client specifications.*
  - *Collaborated with other developers to overhaul website into Keystone JS, with MVC pattern.*
  - *Designed new ads with HTML5 and CSS keyframes that produced higher click/conversion rates for Google AdWords.*

- **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 8 recurring students, taught them vital programming skills such as Junit, breakpoints, as well as good coding practices such as commenting or refactoring.*

Projects

- **SBC #HackTheCity - 2nd place / 18 teams - $1000 cash prize**   **9/2018**
  - *Solved pain point, "Millions are spent on recruits & contractors for major events", for spotless with lean canvas & design thinking to ideate an uber inspired shift swapper.*
  - *Used Node.Js and React-Native to build a mobile app for live demonstration, practiced Kanban Agile methodology in our team of 7 for a smooth delivery.*
    - ***Rewarded "Most Promising Startup" by Startupbootcamp***

- **RMIT IoT+AR Hackathon - 2nd place / 8 teams - $4000 cash prize**   **8/2018**
  - Worked with *LendLease* to solve their problem with "leveraging knowledge between staff", solution is a document manager users contribute to with **Vuforia AR** for extra interactivity.
  - Made an **Android SDK app** with **Bootstrap 4** and **PHP** to generate documents & user comments.
    - ***Rewarded "Most Innovative Solution" by Hendry Group***

- **RMIT ITS Hackathon - 2nd place / 13 teams - $2000 cash prize**   **8/2018**
  - *24-hour hackathon for "flipped perspectives", proof of concept is a twitch inspired chat room for student collaboration in lectures. Chat room achieved with Node.js WebSockets.*

- **Other projects**
  - *Self-driving car - Car with Proximity sensor & Arduino in C++ avoids obstacles as it drives.*
  - *Genetic AI Maze - Dots learn how to navigate around a maze, visualised in Processing.*
  - *Guess Who AI - AI players battle each other in a Java Guess who game.*
  - *Multiplayer Monster - Implemented Dijkstra's algorithm for the AI in a Java multiplayer project.*
  - *Image Scraper - Python script downloads images from a google search automatically.*
  - *Invoice Generator - Visual Basic digital records made for a courier business in high school.*
  - *Shop Cart - Implemented Paypal with Node.js in ReactJS, practiced weekly Scrum sprints.*

Skills

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