Michael Dao

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Highly enthusiastic Software Engineering student with a passion for programming, Hackathon champion seeking an internship at a motivating and successful organisation

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***)**   **6/2017 - 12/2020**
  - ***GPA****: 3.3 / 4.0 (not incl. BP094)*
  - ***GPA****: 3.65 / 4.0 &* ***WAM****: 78.75% (Average across computing subjects BP094 & BP096)*

- RMIT Academic transcript as of 3rd August 2018 here

Experience

- **RMIT Information Technology Services - QA Tester**   **9/2018 - Present**
  - *Created **JSON** queries to test production API & backend with **SoapUI***

- **Ohm Power - Front End Intern**   **6/2018 - Present**
  - *Designed, coded and modified website according to design specifications*
  - *Collaborated with other developers to overhaul site into **KeystoneJS**, **Less.js** & **Handlebars.js***
  - *Animated Google AdWords with **HTML5** & **CSS,** and have produced higher click/conversion rates*

- **CSIT Mentoring program - Volunteer Mentor**   **2/2018 - 7/2018**
  - *Enhanced learning experience of fellow students with **Java, C, SQL** for assignments*
  - *Encouraged good coding practices such as **Junit** testing, debugging, commenting & refactoring*
  - *Assisted students with **HTML5, CSS, JavaScript,** and **PHP** for web projects*

Projects

- **SBC #HackTheCity 2018** *-* ***2nd*** *place - $1000 - rewarded **"Most Promising Startup"** from SBC*
  - *Created shift management app with **Node.Js** and **React-Native** for a client from spotless*

- **RMIT IoT+AR Hackathon 2018** *-* ***2nd*** *place - $4000 - rewarded **"Most Innovative Solution"** from Hendry*
  - *Developed smart documents with **PHP** & **Vuforia AR** for LendLease to upskill workers*

- **RMIT ITS Hackathon 2018** *-* ***2nd*** *place - $2000 - Recruited into ITS*
  - *Designed livestream app for student collaboration in lectures with a **Node.js** chatroom MVP*

- **Other projects**
  - ***Self-driving car*** *-* ***Arduino*** *with Proximity sensor &* ***C++*** *avoids obstacles as it moves*
  - ***Multiplayer Monster*** *- Applied **Dijkstra's** algorithm to AI movement in a multiplayer **Java** game*
  - ***Genetic AI Maze*** *- Generations of AI learn how to navigate a maze, visualised in **Processing***
  - ***Invoice Generator*** *- Designed digital records in **VB.net** with **XML** records for a courier business*
  - ***Shop Cart*** *- Implemented Paypal sandbox with **Node.js**, **ReactJS & Redux** for a **Scrum** sprint*

Skills

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