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

Experience

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

- **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 with **Keystone JS** and **Hbs** templating.*
  - *Designed and coded **HTML5, CSS** Google AdWords that produced higher click/conversion rates.*

- **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 5 students on average per session, taught them vital programming skills such as **Junit**, breakpoints, good coding practices such as commenting or code refactoring.*

Projects

- **SBC #HackTheCity 2018 - 2nd place / 18 teams - $1000 cash prize**
  - *Solved pain point "Millions are spent on contractors for busy seasons" for spotless.*
  - *Coded shift swapper app with **Node.Js** and **React-Native**, practiced **Kanban** with 7 people.*
    - Rewarded "**Most Promising Startup**" by Startupbootcamp

- **RMIT IoT+AR Hackathon 2018 - 2nd place / 10 teams - $4000 cash prize**
  - Worked with *LendLease* to solve problem with *"leveraging knowledge between staff"*
  - *****Bootstrap 4, PHP** backend allows users to add comments, images & **Vuforia AR** to documents.*
    - Rewarded "**Most Innovative Solution**" by Hendry Group

- **RMIT ITS Hackathon 2018 - 2nd place / 13 teams - $2000 cash prize**
  - *24-hour hackathon "students teaching students", proof of concept is a twitch inspired chat room for student collaboration in lectures. Chat room achieved with **HTML5** and **Node.js WebSockets**.*

- **Other projects**
  - *****Self-driving car** - Car uses Proximity sensor & Arduino to avoid obstacles as it drives, with **C++**.*
  - *****Genetic AI Maze** - Dots learn how to navigate around a maze, visualised in **Processing.***
  - *****Guess Who AI** - AI players battle against each other in a **Java** Guess who game**.***
  - *****Multiplayer Monster** - Applied Dijkstra's algorithm so the AI hunts players in a **Java** game**.***
  - *****Invoice Generator** - Designed digital records in **VB.net** & **XML** for a courier business.*
  - *****Shop Cart** - Implemented Paypal with **Node.js** & **ReactJS,** practiced weekly **Scrum** sprints.*

Skills

- *****Languages:** Java, Python, C/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, XML, JSON.*