Michael Dao

Address: Melbourne, Victoria, Australia - **Mobile:** +61 402 378 689 - **Website:** www.mdao.site
Email: daoduymichael@gmail.com - **LinkedIn:** /in/michaelduydao - **GitHub**: github.com/michaeldao

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 redesign and overhaul the existing website with a new UX centered design into **Keystone JS,** a Content Management System that uses the **MVC pattern**.*
  - *Redesigned old ads with **HTML5** and **CSS** keyframes to support animations, has 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, as well as **HTML5, CSS, JavaScript,** and **PHP** for web projects.*
  - *Mentored 8 recurring students, taught them vital programming skills such as **Junit**, breakpoints, and good coding practices such as commenting or refactoring.*

Projects

- **SBC #HackTheCity 2018 - 2nd place - $1000 cash prize**   **09/2018**
  - *Solved pain point, "Millions are spent on new recruits & contractors for major events", with **design thinking** and **lean canvas** to ideate the solution, an uber inspired shift swapper.*
  - *Used **Node.Js** and **React-Native** for basic functionality on our mobile app, practiced the **Kanban Agile** methodology in our team of 7 for a smooth project workflow.*
    - ***Rewarded "Most Promising Startup" award by** Startupbootcamp*

- **RMIT IoT+AR Hackathon 2018 - 2nd place - $4000 cash prize**   **08/2018**
  - Worked with *LendLease* to solve their problem with "leveraging knowledge between staff", our solution is a document manager users contribute to with **Vuforia AR** added for interactivity.
  - *Worked with **Bootstrap 4** for styling, **PHP** for the document generator & user comments. Enhanced live demonstration of MVP with an **Android SDK app** as a wrapper.*
    - ***Rewarded "Most Innovative Solution" award by** Hendry Group*

- **RMIT ITS Hackathon - 2nd place - $2000 cash prize**   **08/2018**
  - *24-hour hackathon for "flipped perspectives", our 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* - 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** record system 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.*