

# 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.

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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)
    - **GPA:** 3.65 / 4.0 - **WAM:** 78.75% (Average across computing subjects BP094 & BP096)
  - RMIT Academic transcript as of 3rd August 2018 [here](#).
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## Experience

- **RMIT Information Technology Services - QA Tester** 9/2018 - Present
    - Created **JSON** queries to test production backend and API with **SoapUI**.
  - **Ohm Power - Front End Developer Intern** 6/2018 - Present
    - Designed, coded and modified website according to design specifications.
    - Collaborated with other developers to redesign website into the **Keystone JS** CMS.
    - Animated Google AdWords with **HTML5** & **CSS** that 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.
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## Projects

- **SBC #HackTheCity 2018 - 2nd place - \$1000 cash prize**
    - Created shift swapper app with **Node.js** and **React-Native** for a [spotless](#) client.
      - Rewarded "Most Promising Startup" by Startupbootcamp
  - **RMIT IoT+AR Hackathon 2018 - 2nd place - \$4000 cash prize**
    - Helped [LendLease](#) "leverage knowledge between staff" with **Vuforia AR** smart documents.
      - Rewarded "Most Innovative Solution" by Hendry Group
  - **RMIT ITS Hackathon 2018 - 2nd place - \$2000 cash prize**
    - Designed livestream app for student collaboration in lectures, chatroom achieved with **Node.js**.
  - **Other projects**
    - **Self-driving car** - **Arduino** with Proximity sensor & **C++** avoids obstacles as it moves.
    - **Genetic AI Maze** - Generations of AI learn how to navigate a maze, visualised in **Processing**.
    - **Multiplayer Monster** - Applied **Dijkstra's** algorithm to AI movement in a multiplayer **Java** game.
    - **Invoice Generator** - Designed digital records in **VB.net** with **XML** recording for a client.
    - **Shop Cart** - Implemented Paypal with **Node.js**, **ReactJS** & **Redux**, practiced weekly **Scrum** sprints.
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## 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 / Version Control, Agile (Kanban/Scrum), Linux/Unix, XML, JSON.