Duc Ha

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Education:

- Sunshine College *(2012 – 2017)*
- RMIT University: Bachelor of Software Engineering *(2018 – Current)*
  - **GPA:** 3.6/4.0 *(Average as of December 2020)*

Personal Projects (Available on GitHub):

- **Incremental Game**: A browser game ***created with HTML5, CSS and JavaScript***. Done in collaboration as a two-member team, purely as a passion project.
- **Go Guessing Game:** A text-based game created with the ***Go language***. Done primarily to better grasp and learn the Go programming language, but also as a passion project.
- **ARAM Runes Assistant:** Terminal application created with ***Python***. Opens to the website 'Mobafire' in Chrome to assist with the game 'League of Legends'.

Employment History:

- NAB - Intern Software Engineer - *(July 2019 – December 2020)*
  - Worked in a team using the Scrum process.
  - Created microservices using Springboot framework to apply business logic to data, as well as microservices that joined SQL data within Java.
  - Co-created 'Joiner' tool for microservices to perform SQL-like joins in Java, thereby giving dramatically increased speed vs joining data within SQL.
  - Maintained ReactJS frontend for running the engine.
  - Setup GitHub access with EC2 instances using authorised keys.
  - Used Confluence for documenting instructions and information for the services I created/was involved in, as well as other useful pages.
  - Managed progress and tasks using Jira.
  - Validated input and output data for microservices that calculated business logic as well as the microservices for integrating data through joins.
  - Existing engine took 26 hours from start to finish, whereas new microservices engine took 30-40 minutes from start to finish.
  - Organised team events such as weekly 'Caption Competitions' and a Table Tennis tournament, and setup hobby boards such as Favourite Books or Movies.
- Rice Workshop Highpoint - Kitchen Hand - *(2018 – 2019)*

Volunteer Work:

- **Tutoring:** I had done tutoring for 3 primary school kids in 2017. I was responsible for teaching basic English and mathematics.
- **CSIT Society Event Officer:** I was formerly an event officer for the RMIT CSIT Society. I was responsible for general help with setting up events, such as planning or acquiring any necessary materials.

Software Engineering Skills:

- Proficient With: Java, Spring Framework, Python, Javascript, ReactJS Framework, NodeJS, HTML/CSS, Maven, SQL, Git, Scrum Process
- Experienced With: AWS EC2, Jenkins, PHP, Azure DB, Go, C++, Android Studio, XCode