Minh Phan

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Github Linkedin

Education

University of Washington, WA   **Expected Graduation: 08/2020**

Bachelor's in Computer Science

- Analyze the efficiency of algorithms based on the algorithm analysis and data structure
- Understand the design of computer architecture and modern computing systems
- Understand the fundamental concept of programming
- Probability theory and statistics on solving problems in computer science
- Honors: Annual Dean's List 2019-2020

Professional Experiences

Software Engineer Intern – Veramine Inc, Seattle WA   **July 2020 – Present**

- Collaborate with Co-founders to design and develop user-friendly portal website, including optimized page views and user experience, serving over 20,000 customers.
- Utilize JavaScript libraries (JQuery, AngularJS, QueryBuilder) and AJAX to handle Search FileSystem feature with 100% on-time delivery. Along with two other team members who wrote back-end server which queries the massive tables with thousands of rows.

Software Engineer Intern – Vantix Inc., Vingroup Advanced Analytics, Vietnam   **September 2019 – December 2019**

- *Data Labelling Process:*
  - Work in a team of four engineers to build high-quality machine learning dataset include gathering, organizing, and labeling raw data.
  - Write the quality assurance program that provides significant improvements in the data labeling process.
- *Dashboard Website*:
  - Design and develop the website using Python Flask framework for monitoring engineer's training models.
  - Deploy the website on Azure web services.

Project Work Experiences

- **Chatter App |** https://github.com/minhminh322/team-6-tcss-450   **April 2020**
  - Work with three developers to build a full-stack Android application using Agile software development process.
  - Integrate Pushy service to send and receive messages in real-time.
  - Build a web service and deploy on Heroku.
- **Productivity App Tracker**   **March 2020**
  - A modern single-page web application to keep track of the working productivity.
  - Implement the MERN (MongoDB, Express, React/Redux, Node.js) stack.
- **Pacman AI |** https://github.com/minhminh322/Pacman-AI   **January 2020**
  - Use the existing Pacman code in JavaScript to build agent AI.
  - Implement A* search algorithm to optimize Pacman's movement.

Technical Skills

- Proficient in JavaScript, Python, Java, C
- Performance and scalability optimization
- Object-Oriented Design, Algorithms, and Analysis/Data Structures
- Technology: UNIX, JQuery, React.js, Node.js, Android Development, RESTful Web Services
- Databases: MySQL, PostgreSQL, NoSQL
- Source Control: Git, GitHub