ALBERT NGUYEN

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Professional Summary

Detail-oriented and driven junior software engineering professional with organized nature, customer-focused mindset, and troubleshooting skills. Experience working with a wide range of front- and back-end technologies to produce and evaluate code. Skilled at contributing to design, development, and implementation as a conscientious and knowledgeable team member.

Education

Bachelor of Science: Computer Science and Engineering   05/2020
University of California, Merced - Merced, CA
- Major GPA: 3.28
- Coursework in Data Structures, Algorithms, Operating Systems, Computer Architecture, Computer Networks, and Software Engineering

Work History

Sweep Energy – Merced, CA
Software Engineer (Part-Time)   9/2019 to Current
- Design and develop front-end architecture and views for hybrid app using **Angular** and **Ionic**
- Propose and prototype additional features that align with and enhance the product's vision
- Develop dynamic and intuitive directory system that allows users to manage large data
- Implement charting library that seamlessly displays various data feeds to users
- Increase productivity by creating CI/CD pipeline using **Gitlab**, **Postman**, and **Docker**

Software Engineer Intern   07/2019 to 08/2019
- Developed desktop app to be cross-compatible and user-friendly using **Electron** and **Node.js**
- Implemented and optimized performance of the API gateway using **Node.js**

Projects

Company Sponsored Capstone Project - Oportun, Inc.
Loan Application Web App
- Awarded **Top Finisher** at UC Merced's Mobile App Challenge
- Designed database and API architecture to handle the processing of uploaded documents
- Developed API endpoints for document processing using **Spring Boot**, **Java**, and **AWS**
- Connected all front-end views to the back-end endpoints through API calls using **Angular**

Skills

- Programming Languages: C/C++, Java, JavaScript, TypeScript, Python
- Frameworks/Libraries: Angular, React, jQuery, Express.js, Spring Boot
- Technologies: Node.js, SQL/NoSQL, HTML, CSS, Git, Linux, REST, AWS, Postman
- Ability to work independently and collaborate in a team environment
- Passion and ability to learn new technologies quickly