

ALBERT NGUYEN

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Education

Bachelor of Science: Computer Science and Engineering

05/2020

University of California, Merced - Merced, CA

- Major GPA: 3.28

Work History

BAE Systems, Inc. – San Diego, CA

Software Engineer

6/2021 to Current

- Working on the Geospatial eXploitation Products (GXP) Xplorer Platform using **React**

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

Personal Project – WhoDelivers.app

Restaurant Delivery Search App

- A web application that searches for restaurants that deliver built with **React** and **Next.js**
- Utilizes the **Google Maps API** to search and display restaurants' delivery platforms
- Allows users to filter for type of food and delivery platform

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: JavaScript, TypeScript, C/C++, Java, Python
- Frameworks/Libraries: Angular, React, Redux, jQuery, Express.js, Spring Boot
- Technologies: HTML, CSS, Node.js, SQL/NoSQL, Git, Linux, REST, AWS, Postman, Docker