Nathan Pham

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Education

University of California, Riverside

Bachelor of Science in Computer Science   March 2020

Certifications

AWS Cloud Practitioner   Sept 2021

Work Experience

Full Stack Developer Internship - Beautycounter   June - Aug 2019

- Produced and enhanced features used by over 1 million shoppers, following Agile principles.
- Implemented policy controls for the Production Firestore NoSQL database, ensuring data security and integrity.
- Automated database back-ups through the use of serverless Google Cloud Functions.
- Improved the user experience (UX) by resolving user interface (UI) defects using TypeScript and React-Redux.
- Introduced new ideas to corporate executives, using an easily digestible presentation.
- Created a minimal viable product (MVP) service to ensure data integrity across services.

Projects

Web Application - UCR Planner   Jan - Mar 2020

- Led a team and worked with a product owner to design and implement a course planning website for the University of California, Riverside.
- Enabled users to select, store, and download course selections, using Bootstrap, PHP, and MySQL.

Single Page Application - Personal Website

- Created a serverless personal website on GitHub pages (npham014.github.io) as a single page web-app using ReactJS, Node.js, and Material-UI.

Web Application - Belch

- Designed and created a restaurant review application that allows users to upload images, review restaurants, and dynamically calculate average review score.
- Built using ReactJS for the frontend and Node.js, Express, and MongoDB NoSQL for the backend.

Technical Skills

Languages: Javascript, Typescript, CSS/HTML, SASS, C++, Python, Java, SQL, C, C#, Scala

Tools/Frameworks: Git, Amazon Web Service (AWS), Google Cloud Platform (GCP), Node.js, Firestore, Bootstrap, React, Redux, Material-UI, Microsoft Office, JIRA, Linux

Other Skills: Machine learning, information security, RESTful APIs, network protocols (HTTP, UDP, TCP, SMTP)