Kathy Nguyen

Full Stack Software Engineer

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Relevant Experience

Open Source Contributor, Numbers API
July 2020 - November 2020
- Initiated Jest testing for an open source API that receives 100,000 daily requests on number-related facts
- Encouraged more robust code by achieving 90% test coverage
- Refactored legacy code to JavaScript ES6 to improve readability
- Coordinated with contributors to increase efficiency in resolving issues

Software Engineer Intern, Groupmuse
October 2019 - November 2019
- Extended a React Native iOS app with a team of six
- Built a new event review feature from designing the UI to creating the React Native frontend and Ruby on Rails API endpoint
- Introduced push notifications to increase event awareness
- Ensured code quality by fixing 50 nonfunctional Jest test suites

Volunteer, Santa Clara Valley Medical Center
October 2018 - April 2019
- Improved patient support at a Level 1, 600-bed trauma center by volunteering in the inpatient pharmacy stock room and gift shop
- Trained, onboarded, and supervised five volunteers
- Provided the highest quality patient care and gift shop maintenance in collaboration with other volunteers

External Affairs Committee Member, Molecular and Cellular Biology
Undergraduate Student Association (mcbUSA)
February 2015 - May 2018
- Amplified student support by creating programs such as mcbUSA's mentorship program of twenty mentees and ten mentors
- Generated awareness of undergraduate research opportunities by coordinating a conference for a few hundred attendees
- Provided one-on-one academic mentorship to first year students

Projects

JobBox - GitHub · Demo
- A full stack job board built with React, Express, PostgreSQL, TypeScript, and Enzyme

Microblog - GitHub · Demo
- An anonymous microblog frontend built with React and Redux

Waddle - GitHub · Demo
- A Python-based Twitter clone built with Flask, Jinja, PostgreSQL, and unittest

Skills

Languages
JavaScript
Python
SQL
TypeScript
HTML & CSS

Libraries & Frameworks
React
Redux
Express
Node
Flask
PostgreSQL
Jest
SQLAlchemy

Other Technologies
Figma
Photoshop

Education

University of California, Berkeley
August 2014 - May 2018
Bachelor of Arts, Molecular and Cell Biology

Rithm School
July 2019 - November 2019
Full Stack Web Development