Mai-Nhien
Dang

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WORK EXPERIENCE

Flexport | Software Engineering Intern on Oceans
Aug 2019 - Dec 2019
- Structured and persisted the way ocean assignments handle requested changes to the shipment.
- Built a Rails service to identify shipments that need an assignment based on an existing SQL service. Worked with the ocean operations team to maintain the project after launch and ensure all shipments were identified (~200 daily).

Microsoft | Software Engineering Intern on Azure IoT
May 2019 - Aug 2019
- Worked on the end-to-end functionality of two features that enhanced the IoT Central application template experience. Wrote a Node service to persist an applications theme and user preferences when creating a copy or template. Took in feedback from PRs to produce production quality code that was shipped for customer use.

Microsoft | Explore Intern on Storefronts
May 2018 - Aug 2018
- Worked on a team of 4 interns to design and implement an accessibility and compliance reporting tool for Microsoft websites. Implemented the UI for part of the main page as well as the page to view the accessibility failures. (React.js)
- Wrote an Express.js server and worked with another team to utilize API to analyze the accessibility of a given website.

Course Producer/TA | CSCI102: Fundamentals of Computation
Aug 2018 – May 2019
- Held weekly office hours to tutor students, led weekly labs, graded assignments and exams.

TECHNICAL PROJECTS

sixty six (Won "Best Demo" from Lavalab) | Spring 2018
https://mai-nhien.github.io
- Back-end developer for a habit building and productivity iOS application. (Swift, Node/Express.js, MongoDB, Mongoose)
- Built an Express.js server that handled back-end functionality and requests
- Created and maintained a MongoDB database hosted on Heroku.

zest | Spring 2020
https://github.com/Mai-Nhien/zest
- iOS application that helps users find new recipes based on the ingredients they have in their fridge. Users can save recipes and find nearby groceries.
- Built using Swift, spoonacular and Google Places API, Firebase database, storage, and authentication.

EDUCATION

University of Southern California
Class of 2020 | Los Angeles, CA
B.S Computer Science, GPA: 3.7
Presidential Scholar, Dean's List

TECHNICAL SKILLS

- **Languages:** C++, HTML, CSS, Java, JavaScript, TypeScript, Ruby, Swift
- **Development:** Rails, Node.js, Express.js, React.js, MongoDB, Mongoose, jQuery, SQL, Azure services, Docker

AWARDS

- Presidential Merit Scholar at the University of Southern California
- Dean's List
- Recipient of the Intel Scholarship for Employee's Children
- Best Demo- USC LavaLab Demo Night

ACTIVITIES

- **Scope:** On the executive board of a computer science club at USC.
- **Lavalab:** USC's startup/product incubator. Backend developer for a mobile application called sixty six.
- **Joint Education:** Taught weekly computer science lessons at a local elementary school.

RELEVANT COURSEWORK

Data Structures and OOP, Intro to Computer Systems, Principles of Software Development, Intro to Algorithms, Intro to AI, Professional C++, Operating Systems, iOS Development