Mai-Nhien (Mai) Dang

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WORK EXPERIENCE

Flexport   **San Francisco, CA**
Software Engineer, Order Management   *Aug 2020 - Present*

- Delivered features for Flexport's Order Management product, including reporting for purchase orders, improved booking flows, and order negotiation (Ruby on Rails, GraphQL, React.js).
- Upheld code quality standards by improving test coverage and promoting better practices in code review.
- Top 100 contributor by commits for the company's Github repository in only a year of work.

Flexport   **San Francisco, CA**
Software Engineering Intern, Oceans   *August 2019 - December 2019*

- Engineered Ocean team's data modeling and persistence tooling for requested shipment assignment changes.
- Implemented a Rails service for identifying unassigned shipments to be integrated with Ocean's existing fulfillment tool. Post-launch maintenance with the Ocean Operations team demonstrated that all unassigned shipments were identified and assigned to boats (~200 daily).

Microsoft   **Redmond, WA**
Software Engineering Intern, Azure IoT Central   *May 2019 - August 2019*

- Delivered two features that enhanced the IoT Central application template experience (Node.js, React.js).
- Implemented a Node service to persist an application's theme and user preferences when creating an IoT Central copy or template. Expanded on that service to allow users to choose what settings to include in a template.

EDUCATION

University of Southern California | Viterbi School of Engineering   **Los Angeles, CA**
Bachelor of Science Computer Science | GPA: 3.7   *August 2016 - May 2020*

- **Relevant Coursework:** Data Structures and OOP, Intro to Computer Systems, Principles of Software Development, Algorithms, Intro to AI, Professional C++, Operating Systems, iOS Development
- **Awards/Honors:** Presidential Merit Scholarship, Dean's List
- **Leadership/Activities:** Scope Executive Board, Lavalab (startup incubator), Intro to CS Teaching Assistant

TECHNICAL PROJECTS

sixty six
Node/Express.js, MongoDB, Mongoose   *January 2018 - May 2018*

- Backend developer for habit building and productivity iOS application built in Lavalab, USC's startup incubator.
- Built an Express.js server that handled back-end functionality and requests, backed by MongoDB on Heroku.
- Awarded best demo by a panel of venture capitalists at a final demo presentation hosted by Lavalab.

zest
https://github.com/Mai-Nhien/zest   *April 2020 - May 2020*

- iOS application built to assist in recipe discovery and inventory management. Includes features for recipe management and nearby grocery store finder/map view.
- Built using Swift, spoonacular API, Google Places API, Firebase (database, storage, and authentication).

TECHNICAL SKILLS

Languages: Ruby, Swift, Python3, Java, JavaScript, TypeScript, C++, HTML, CSS
Development: Rails, Node.js, Express.js, React.js, MongoDB, Mongoose, SQL, Azure services, Docker, GraphQL