NHAN TRAN

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GitHub | LinkedIn

USC Computer Science major. Graduating in Fall 2019 and looking for full time opportunities.

SKILLS

C++ | Java | Javascript | HTML | CSS | ReactJS | Node.js | Python | MySQL | MongoDB

EDUCATION

B.S Computer Science | University of Southern California
Los Angeles, CA | August 2016 – December 2019

WORK EXPERIENCE

Software Engineer Intern | Macy's Technology
San Francisco, CA | May 2019 – August 2019
- **Tools:** Python, Javascript, React, Django
- Trained a customer service chatbot using RASA, an open source conversational AI framework, to handle inquiries regarding returns, shipment status, promotions, store locations, and product specifications.
- Implemented custom React components to show recommended Macy's products. Integrated with Macy's internal REST API to query for products relevant to the conversation.
- Modified RASA to support multimodal inputs via both text and speech. Integrated with Google's voice-to-text API to transcribe voice input.
- Built a web application using React/Redux and Django to allow training chatbot through a web interface, without requiring operators to provision a local development environment.

Software Engineer Intern | J2 Global
Los Angeles, CA | May 2018 – August 2018
- **Tools:** Javascript, React, Express, Node.js, MongoDB
- Built custom status tracking tool to monitor uptime and response times of over 50 websites. Implemented false positive detection and downtime alerts to notify marketing and engineering teams.
- Designed and led implementation of custom task monitoring tool to track status of JIRA tickets, and issue reports about stale tasks and development velocity. Delegated implementation between two other interns.

Teacher Assistant | Department of Computer Science, USC
Los Angeles, CA | August 2018 – May 2019
- Conducted office hours with a team of 4 TAs for 50+ students, covering various topics related to full-stack web development. Additional responsibilities included helping debug code during lecture, and grading assignments.
- Acted as PM for students' final projects. Assisted in defining scope for projects as well as technical feasibility.

PROJECTS

Study Group | React, Java, MySQL
- Developed a web application to assist USC students to find study groups based on their schedules and classes.
- Implemented recommendation system based on matching user profiles and availabilities. Integrated chat and file sharing functionalities to facilitate group communication.

I'm Hungry | React, Java, Cucumber, Travis CI
- Built a restaurant and recipe recommendation web application with three USC students by using Yelp and Spoonacular APIs.
- Wrote frontend acceptance tests using Cucumber testing tool, and followed a continuous integration release strategy using TravisCI.