Cynthia E Chen

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Technical Skills

Strong: Javascript, AngularJS, Backbone.js, Node.js, Express, SQL, MongoDB, HTML/CSS, jQuery, Bootstrap, Git
Experienced: D3.js, Python, Flask, Grunt, Gulp, Mocha/Chai

Recent Projects

BeautyStash | Front-end Engineer
Social web application that leverages big data to allow users to catalog and share cosmetics, recommendations, media, etc...
- Implemented AngularJS UI-router to create single-page application with nested views and subviews
- Constructed client factories that enable users to sign up/login and add products, recommendations, and articles
- Designed and styled front-end for optimal user experience/interaction with Bootstrap and Angular UI
- Created RESTful API using Flask in collaboration with back-end engineers

moodlet | Full-stack Engineer and Scrum Master | moodlet.herokuapp.com
Interactive web journal that enables users to document and visualize their thoughts and feelings
- Built and designed front-end features using AngularJS to facilitate authentication and posting/viewing entries
- Implemented full-stack authentication and session capabilities using JWTs and Express sessions middleware
- Directed team of four, led daily team meetings, and used Waffle to manage backlog and deliver features on schedule

hipster coffee | Full-stack Engineer and Product Owner
Satirical web app that analyzes frequency of certain words in Yelp reviews of coffee shops to rate their hipster-ness
- Built full-stack application using AngularJS, Node.js/Express, and MongoDB/Mongoose
- Wrote Scrapy script to scrape Yelp reviews for specific hipster-related words (i.e. single-origin, natural lighting, etc)

Rapport | Front-end Engineer and Scrum Master | rapport314.herokuapp.com
Web chat application that connects users based on their current location or searched location
- Added front-end maps feature to existing codebase to allow users to search for and view specific locations
- Utilized Google Maps and Places APIs to implement geolocation, autocomplete search, and navigation

Professional Experience

Lam Research Corporation | Program/Project Manager, Engineering Services   2014-2015
- Automated process for company's weekly problem report metrics using Excel VBA, reducing task time by 75%
- Constructed custom SQL queries to collect data to assess effectiveness of problem report management
- Collaborated with systems experts on cross-functional projects to analyze and manage risk

University of California, Berkeley | Graduate Student Researcher/Instructor, NSF Fellowship Recipient   2011-2014
- Investigated charge transport in novel organic materials for thermoelectric applications
- Architected and developed LabView programs to measure electrical and thermoelectric properties of materials
- Wrote weekly lesson plans and problem sets and led student discussion sessions

Education

Hack Reactor | Advanced Software Engineering Immersive Program   2015
University of California, Berkeley | M.S. Chemical Engineering   2011-2014
The University of Texas at Austin | B.S. Chemical Engineering   2007-2011

Personal Interests

I like to read, run long distances, practice yoga, listen to/sing jazz music, and have meaningful conversations over coffee or cocktails. I am very interested in mental health and love helping people with their intra/interpersonal relationships.