

# Cynthia E Chen

cynthiaechen@gmail.com | 925-858-8636 | San Francisco, CA

[linkedin.com/in/cynthiaechen](https://www.linkedin.com/in/cynthiaechen)

[github.com/cynthiaechen](https://github.com/cynthiaechen)

[cynthiaechen.github.io](https://cynthiaechen.github.io)

## Technical Skills

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**Strong:** Javascript, AngularJS, Backbone.js, Node.js, Express, SQL, MongoDB, jQuery, HTML, CSS, Bootstrap, Git

**Experienced:** ES6, React, Python, Flask, D3.js, Grunt, Gulp, Mocha/Chai

## Recent Projects

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**moodlet** | Full-stack Engineer and Scrum Master | [moodlet.herokuapp.com](https://moodlet.herokuapp.com)

*Interactive web journal that enables users to document and visualize their thoughts and feelings*

- Designed and built 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

**BeautyStash** | Front-end Engineer | [beautystash.io](https://beautystash.io)

*Social web application that leverages big data to allow users to catalog and share cosmetics, recommendations, media, etc...*

- Constructed client factories that enable users to sign up/login and add products, recommendations, and articles
- Implemented AngularJS UI-router to create single-page application with nested views and subviews
- Designed and styled front-end for optimal user experience/interaction with Bootstrap and Angular UI

**howhipsteristhiscoffeeshop** | Full-stack Engineer and Product Owner | [howhipsteristhiscoffeeshop.herokuapp.com](https://howhipsteristhiscoffeeshop.herokuapp.com)

*Satirical web app that analyzes frequency of certain words in Yelp reviews of coffee shops to determine their hipster-ness*

- Built full-stack application using AngularJS, Node.js/Express, and MongoDB
- Wrote Scrapy script to scrape Yelp reviews for specific hipster-related words (i.e. single-origin, natural lighting, etc)

**Rapport** | Front-end Engineer | [rapport314.herokuapp.com](https://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

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**Hack Reactor** | Hacker in Residence

2015-present

- Conducted mock interviews with students and provided them extensive feedback for rapid improvement
- Contributed to open source web application for technical interview questions used for Hack Reactor's hiring process

**Lam Research Corporation** | Program/Project Manager, Engineering Services

2014-2015

- Programmed Excel macro using VBA to automate construction of weekly metrics report, reducing task time by 75%
- Designed and wrote custom SQL queries to assess effectiveness of management of company's problem reports (PR)
- Led meetings with cross-function team to analyze and manage risk of critical PRs and improve system efficiency

**University of California, Berkeley** | Graduate Student Researcher, NSF Fellowship Recipient

2011-2014

- Architected and developed LabView programs to control hardware to measure material thermoelectric properties
- Built website to enable research collaborators easily share papers, posters, and presentations with funding agency

## Education

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**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

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Long-distance runner, part-time yogi, avid social psychology reader, and aspiring jazz singer. Passionate about maintaining good mental health, reforming higher education, and supporting women in STEM and tech.