

SKILLS

STRONG Javascript ES6 Node.js React SQL socket.io Angular MongoDB jQuery Git CSS HTML
EXPERIENCED Python Backbone D3.js Chai Mocha neo4j Firebase Coffeescript Webpack

PROJECTS

MatchMe, Team Member, Full Stack Software Engineer <http://matchme1.herokuapp.com>

A new twist on dating apps allows users to make matches for other users

- Utilized React and Redux to develop modular application components with predictable data flow
- Implemented real-time, persistent messaging system using socket.io, Node.js, and PostgreSQL
- Optimized database transactions with data caching and efficient queries

MapApp, Product Owner, Full Stack Software Engineer

Geographic visualizations of Twitter relational data

- Used Node.js to automate recursive collection of data for Twitter users and their extended friend networks
- Designed and implemented a queueing system to throttle Twitter API requests and avoid exceeding rate limit
- Utilized neo4j graph database and the Cypher query language to facilitate effective storage and query of over 30,000 rows of complex interconnected data
- Visualized data with D3.js and Leaflet and integrated with Angular-based front end

Q, Team Member, Full Stack Software Engineer <https://github.com/QMusicPlayer/Q>

A social event-focused music player with a real time shared playlist, SoundCloud integration, and mobile-first interface

- Built server using socket.io, Node.js, and Express to send and receive real time song data over websockets while maintaining state consistency between 20+ simultaneous users
- Modified Angular-Soundmanager2 (an open source music player) to work seamlessly with socket.io

Restauranteur, Solo Developer, Full Stack Software Engineer <https://github.com/jchen85/restauranteur>

Gamifies the process of picking a restaurant from Yelp search results by pitting restaurants head-to-head

- Developed full stack application using Firebase, Express, Angular, Node.js, jQuery, and the Yelp API
- Allows multiple players to participate in the restaurant selection "tournament" by utilizing three-way data binding from Firebase

PROFESSIONAL EXPERIENCE

Monterey County Public Defender, Volunteer Attorney

2015-03—2015-06

Represented up to 20 indigent clients per day in criminal matters, often obtaining reduced sentences and charges or dismissals

Solo Practice and Pro Bono, Attorney

2014-10—2015-10

Advised clients on contract, landlord-tenant, and real estate matters

U.S. District Court, Northern District of California, Judicial Law Clerk to Judge Edward J. Davila

2013-09—2014-09

Drafted judicial orders resolving pre- and post-trial motions, including those in In Re LinkedIn User Privacy Litigation (a case involving LinkedIn's hacking incident and its failure to salt its users' passwords and encrypt with SHA-2) and Rose v. Bank of America, a record-breaking class action settlement involving the Telephone Consumer Protection Act

EDUCATION

Hack Reactor

2015—2016

University of Virginia School of Law

2010—2013

University of California at Berkeley

2003—2007