

Moriah Kreeger

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Technical Experience

Strong: Javascript, AngularJS, Ionic, React, MongoDB, node.js, express.js, HTML/CSS, Sass, Socket.io, jQuery, Git

Experienced: Flux, Backbone.js, Webpack, Python, NLTK, Ruby, C, Java, CoffeeScript, MySQL, Grunt, Mocha/Chai, Jasmine

Recent Projects

phavr | Scrum Master & Full-Stack Engineer | phavr.us

A mobile platform for requesting and sharing location-tagged photos

- Architected front-end ionic UI for displaying user-submitted favors and photos, and optimized for mobile platforms
- Designed a search system to filter posts by popularity, recency and geolocation, and visualized search results by geo-tagging and the Google Maps API
- Built front-end and back-end routes for token-based user authentication with Passport OAuth and Facebook API
- Wrote client-side tests utilizing Jasmine and PhantomJS to ensure a seamless user experience

RentMyPool | Full-Stack Engineer | github.com/unyieldingtugboats/rentmypool

A space to rent and list pools

- Utilized React and Flux to build a responsive front-end for users to list and rent pools, and write and view user feedback
- Built functionality for handling pool booking including cancelling bookings and removing pool listings
- Designed the relevant MongoDB schema for user reviews and handled server requests using Ajax, and built out server routes for adding and displaying reviews in node and express

Venari | Product Owner & Software Engineer | github.com/unyieldingtugboats/unyieldingtugboats

A people-driven photo tour mobile app

- Designed and built Ionic UI with AngularJS controllers for displaying and creating user-submitted photos and photo tours
- Integrated views with the Google Maps API to display photo locations using GPS coordinates extracted from photo EXIF data
- Utilized Cordova plugins and tools to allow photo capture and upload functionality, and built out back-end routes utilizing Ionic http requests, node/express and mongoDB
- Deployed to mobile via PhoneGap, with optimization for both iOS and android platforms

Emoji Bank | Product Owner & Full-Stack Engineer | github.com/riahk/emojiBank

A chrome browser extension for using unicode emoticons

- Built React front-end allowing users to save, tag and use unicode emoticons with optimized data storage for easy filtering and searching of content
- Deployed on the Chrome Extension Store

Experience

Hacker in Residence, Shepherd (Hack Reactor)

2015

- Built a mobile tool in Ionic/Angular for monitoring student wellbeing and comfort with material, for use by team members
- Enriched curriculum by organizing after-hour events including presentations on technical topics by industry professionals as well as running student hackathons
- Improved students' learning experience at HR by providing both technical and emotional support, answering students' technical questions and facilitating resolution of any inner or interpersonal conflicts

Database Management Intern, Challenge Success (Stanford University)

2013

- Compiled contact information and customer survey data in Excel to aid in event scheduling
- Organized and archived a photo database to make it more easily searchable and usable for presentations and web content
- Compiled research on relevant topics in education such as problem-based learning as a foundation for content creation

Undergraduate Researcher, Tezcan Lab Group (UC San Diego)

2010-2011

- Managed research project studying helical structure and stability of metal-binding peptides
- Collaborated with a graduate student advisor on projects, rapidly learning new lab technologies, analyzing experiment data and developing detail-oriented skills
- Presented findings at UCSD's Undergraduate Research Symposium as well as lab group meetings, demonstrating public speaking and communication skills

Education

Hack Reactor: Advanced Software Engineering Immersive

2015

UC San Diego: B.S. Biochemistry, B.A. Linguistics/Cognition, CS coursework in C/Java

2009-2014

Athletic Director's Honor Roll