

# Moriah Kreeger

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web: riahk.github.io

*A full-stack engineer with over 4 years of experience building web applications.  
I thrive in fast-paced, innovative environments that challenge me with large-scale problems.*

## Technical Experience

**Strong:** JavaScript, Vue.js, Vuex, Canvas, HTML/CSS, Sass, node.js, Jest, Git

**Experienced:** React, Flux, Redux, Backbone, Webpack, Python, NLTK, Ruby, C, Java, MySQL, Mocha/Chai, Jasmine

## Work Experience

### Frontend Engineer | Banjo

October 2015 - February 2020

As a member of Banjo's web team, I was responsible for building and maintaining the company's Enterprise Media and Live Time products, as well as building out numerous internal tools and data visualization dashboards. Working with a small team that moved quickly, I was able to take on the challenge of integrating large amounts of geo-based data into a streamlined UI, providing emergency response teams with the key information they need to do their jobs better and faster.

**Enterprise Media:** A single-page app for newsrooms to better report on events that matter, more quickly

- Provided users with a live-updating map view to search and discover events and social posts in their area
- Built a tool for users to customize event visualizations and widgets for use on-air and on their news sites

**Banjo Dash Tools:** Dashboards for managing users, visualizing data and training machine learning (ML) models

- Utilized Canvas to build graphs and charts, as well as shape-drawing tools
- Handled user data and settings for Enterprise/Live Time applications via MySQL database

**Live Time:** Designed for emergency response teams to utilize relevant and time-sensitive data to better distribute resources and reduce human suffering

- Worked extensively with Google Maps API to display events and geo-based data, including live vehicle tracking, fleet management and public cameras
- Built heavily customizable features for users to tailor what types of events and data they see, and where
- Designed interfaces around live video streaming and VOD in HLS and MPEG-DASH formats for CCTV footage
- Played a major role in migrating app from custom framework to Vue.js, implementing more modular code practices and improving overall app performance

- Integrated platform data into a RESTful node.js API, intaking and formatting data for use on the front-end
- Optimized cross-browser support and app performance on Chrome, Edge and Internet Explorer
- Adopted mobile-first design practices to ensure responsive pages for all browser sizes and devices

### 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

## Recent Projects

**Emoji Bank** | Product Owner & Full-Stack Engineer | [github.com/riahk/emojiBank](https://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
- Published on the Chrome Extension Store

## Education

**Hack Reactor:** Advanced Software Engineering Immersive

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

2015

2009-2014