

# Moriah Kreeger

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A full-stack software engineer with 7 years of experience building web applications. Confident on both the front- and back-end, with past projects focusing on data analysis and visualization. I thrive in fast-paced, innovative environments that challenge me with large-scale problems.

## Technical Experience

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**Strong:** JavaScript, React, HTML/CSS, Sass, Emotion, node.js, Jest, Git, Canvas, Auth0.js

**Experienced:** Python, Flask, MySQL, Vue.js, Vuex, Webpack, NLTK, Ruby, C, Java, Mocha/Chai, Jasmine

## Work Experience

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### Full Stack Software Engineer | *Preset.io*

July 2020 - November 2022

As a member of Preset's Growth Team, I built both customer facing UI flows and internal tools for our Customer Success team. From the design phase through to implementation and release, I contributed to features aimed at onboarding and retaining new users, and integrating them into our enterprise version of Superset, an open-source data visualization and business intelligence tool with a large, active community across the world.

- Utilized the React front-end framework and additional libraries (Ant Design and emotion.js), working closely with design and product teams to bring features to life and ensure a smooth user experience
- Supported front-end flows with back-end integration, architecting data models with MYSQL/SQLAlchemy and building API routes in Python/Flask
- Worked with subscription management library Recurly to manage customer trials, plans and payment subscriptions
- Assured test coverage with unit testing in Jest/RTL (for javascript code), and nosetests (for Python)
- Monitored errors and incidents with alerting tools including Datadog and Sentry
- Engaged with the open-source community for Superset, making my own open-source contributions to both improve the base project as well as integrate Preset-specific user features

### Frontend Engineer | *Banjo, Inc.*

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

**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

### **Education**

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**Hack Reactor** | Advanced Software Engineering Immersive **2015**

**UC San Diego** | *B.S. Biochemistry, B.A. Linguistics/Cognition* **2009-2014**