

## EXPERIENCE

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### Co-Creator, Software Engineer

#### Mashr

January 2019 – Present

Case Study: <https://mashr-framework.github.io/>

- Video recording of my presentation on Mashr: <https://youtu.be/FbaqWPCGg9w>
- Researched and implemented best practices of building a data pipeline with monitoring, archiving, and failover
- Built robust and easy-to-use CLI that abstracts away a lot of the complexities and lengthy sequences of API calls made to GCP services
- Implemented user-friendly interface, which includes easy installation with npm and instructional templates made for a variety of data sources to pull data from
- Engineered the data extraction component to be hosted on a Docker container that is itself hosted on a Google Compute Engine (GCE) instance
- Authored comprehensive white paper about engineering the Mashr framework

### Full Stack Engineer

#### Freelance and Personal Projects

February 2018 – Present

Developed a variety of open source web applications using JavaScript, Node.js, Ruby, Ruby on Rails, SQL, Linux, HTML, CSS, and React

- Lello: A project management app similar to Trello built with React/Redux and Rails
- Postit: A social news and discussion application built with Rails, PostgreSQL, and JavaScript
- Airline Routes: An application built with React that allows users to view and filter airline routes
- Task Manager: A task management application built with Ruby, Sinatra, JavaScript, jQuery, and Handlebars.js

## SKILLS & LANGUAGES

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**Front End:** HTML, CSS, JavaScript, React/Redux, jQuery, Bootstrap

**Back End:** JavaScript/Node.js, Ruby, Ruby on Rails, Sinatra, PostgreSQL, RESTful APIs

**Other:** Google Cloud Platform (GCP), Amazon Web Services (AWS), Docker, Git/GitHub, Linux

## EDUCATION

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### Launch School

#### Remote

January 2018 – May 2019

- A multi-year software engineer program

### University of California, Irvine

#### Irvine, CA

September 2012 – June 2016

- Bachelor of Science: Biological Sciences, June 2016