

Professional Summary

Full-stack engineer with a flair for creative problem solving and a successful background in digital media and education. Looking for opportunities to problem-solve in an inventive environment.

Technical Skills

- JavaScript / Node.js / ES6
- Express
- TDD / BDD (Mocha / Chai, Jasmine, Protractor)
- AJAX / REST API
- Agile / Scrum
- AngularJS
- PostgreSQL
- Knex.JS
- Web Sockets / Socket.io
- VCS / Git / GitHub
- Pair Programming
- MongoDB / Mongoose
- ReactJS
- HTML5 / CSS
- jQuery
- Bootstrap / Semantic UI
- Adobe Photoshop

Experience

- » **Full-stack Engineer (contract) | SandBox Commerce** 2016 - Jan, 2017 Austin, TX
 - Built new admin tracking system and API for mobile retail solutions company SandBox Commerce to generate increased business leads and automate financial payouts for conversions.
 - Developed a new public-facing website for current SBC business partners with user authentication and authorization.
 - Created a ReactJS proof of concept and prototype for future integration, a new AngularJS front end for the admin and public-facing portal, and structured a MongoDB database for easy integration with SandBox's main site.
- » **Teacher | RRISD & EA Prep (school years), ACE Academy (summers)** 2013 - 2016 Austin, TX
 - Managed up to 326 cases per year, including both special needs and gifted-talented students simultaneously.
 - Strategized incessantly using empirical test data, and achieved the highest student test scores in department.
 - Facilitated academic achievement by collaborating with team and students to develop new curriculum and methods.
- » **Freelance Media Professional | Self-Employed** 2009 - 2013 Austin, TX
 - Streamlined production, processing, and polishing of thousands of media files to fulfill client needs.
 - Branded a portfolio of creative work (websites, photo, video), establishing client relationships for returning business.
- » **Communications Director | Hawaii State Senate--Office of Majority Leader** 2008 Honolulu, HI
 - Published all online content in the 2008 Senate session, including many official senatorial statements.
 - Established solid connections with print and A/V journalists to garner public attention and news coverage nation-wide.

Projects

- » **Sprintr** Full-stack Engineer 2016
 - Mission:** Multi-player Google Chrome extension & web app to track website time as a competitive game.
 - Features:** Engineered a Chrome extension within a three-person team, allowing users to initiate a multiplayer game that logs players' live time on websites and pays out monetary winnings at creator's specified time. Utilized Google APIs for time tracking functionality, ChartJS for graphed data displays, and Dwolla API for payments and payouts. Built the front end in AngularJS, server in Express, and database in PostgreSQL.
- » **Digital Rolodex** Project Lead & Full-stack Engineer 2016
 - Mission:** Mobile app + site for networkers to instantly generate a contact list by photographing business cards.
 - Features:** Headed a six-person team that built a mobile app with Apache Cordova that parses photo images with Google Vision API to generate a "digital rolodex" catalog, using an Express server and PostgreSQL database. Authorized with Passport / LinkedIn accounts, tested with Mocha / Chai, and deployed to AWS Elastic Beanstalk.

Education

- » **Full Stack Immersive Certification** Galvanize, 2017 (January)
- » **Math, Science, English, History, Art, ESL Texas Education Agency Certifications** ACT Houston, 2013
- » **B.A. Media & Photography, with distinction** University of Hawaii, 2007