

RICKY HOLTZ

linkedin.com/in/rickyholtz
hello@rickyholtz.com
github.com/ayrickay
(203) 419 - 5722
rickyholtz.com

languages and technologies

proficient.

javascript. react. mobx. webpack. node.js. express. html5/css3. sass. tape. mocha. chai. enzyme. jasmine. tdd. mongodb. sql. python. flask. jinja2. travisci. circleci. aws (s3). git.

exposure.

java. redux. d3.js. cordova. highcharts. tableau. junit. intellij. xcode. heroku.

professional experience

software engineer. magicbus

san francisco, ca. 2016-2017

- engineered new route campaigns and bulk ride feature utilizing javascript, react and mobx, leading to a 20% increase in ridership and creation of consistent revenue stream
- developed ios and android implementation of magicbus platform with cordova and xcode to enable multiplatform compatibility, projected to improve app discoverability by 3x.
- followed tdd to develop modular ui components in javascript & react, writing 300+ unit tests with tape, enzyme and jasmine, achieving 80% coverage of frontend codebase.
- incorporated full platform analytics & error reporting via google tag manager, enabling operations & marketing to build >60 metrics; optimized engineering time by 20% weekly.
- crafted >20 marketing assets and icons for product and ads using illustrator and svg.

product design intern. salesforce

san francisco, ca. 2015

- designed a contextual intranet and browser plugin to share organizational knowledge by conducting 20+ user interviews and 5 usability tests.
- led workshops across >20 teams to foster design thinking & learn javascript and react.

digital analyst. nickelodeon

new york, ny. 2014

- prototyped nickvision, an augmented reality app; pitched app to senior execs & viacom cfo.
- restored traffic of 10,000 unique clicks to platform by resolving ui errors during redesign.

featured projects

software engineer & designer. et al. health

berkeley, ca. 2016

- uses peer-reviewed medical journals to connect patients with rare diseases to physicians.*
- created fully accessible (aa certified) platform utilizing python, flask and sass, winning 3rd place of 200 applicants in uc berkeley big ideas competition, & the james r. chen award.
 - reduced 80% of http requests to restful api by refactoring data collection logic to backend.

full stack engineer. iot gym

berkeley, ca. 2016

- a physical web platform for gym equipment that adds sms recommendations and iot integration.*
- constructed restful node/express api with eddystone beacons and twilio api integration.
 - documented endpoints in activity stream schema and iot activity vocabulary on github.

designer & developer. dance dance

berkeley, ca. 2015.

- a wearable sweater-based platform for publishing motion data and converting it to light .*
- used the pubnub api to turn arduino/accelerometer/wifi shield into a data platform.
 - published project in the ischool review, a showcase of work from ischools worldwide.

education

university of california, berkeley. master of information management & systems. 2016.

university of connecticut. ba, individualized: social interaction & new media. 2014.

community involvement

technical mentor. code 510.

2016.

general volunteer. typosf. futures of web design. forwardjs.

2015 - 2016.

general member. urquhart band. sf freedom band. openhouse sf.

2016 - present.

user-focused engineer
armchair economist
design enthusiast
visual notetaker
the nerdy friend