

I'm a software engineer with over 3 years experience building high quality, scalable, maintainable applications. I take pride in my work, owning projects from requirements and estimations, development, tests, logging, and monitoring after release.

## SOFTWARE ENGINEER, SURVEYGIZMO

Boulder, CO Sep 2017 - Oct 2019

- Launched and maintained key features such as Microsoft Dynamics Integration, Permanent Delete, and SMS campaign
- Successfully delivered over 431 issues to over 25,000 of users in an Agile, SaaS environment
- Converted legacy front-end components from vanilla Javascript to Vue. Built tests and refactored legacy code
- Documented existing systems using Confluence and managed new engineering team member training
- Established monthly Lunch & Learn knowledge sharing program and organized OWASP team training
- **Agile, Bootstrap, CSS, Cypress, Elasticsearch, HTML, Javascript (ES6), Jenkins, jQuery, Memcached, MySQL, npm, Object-oriented design, PHP, REST, Responsive Design, Twilio API, Vue**

## SOFTWARE ENGINEER, WHINNY

Longmont, CO Sep 2016 – Sep 2017

- Developed and designed a hybrid iOS/Android social media chat application
- Integrated Twilio API to send SMS in user registration and other features
- Designed RESTful node server with database migrations and prepared statements for stronger application security
- Distributed local test versions to potential users, collected feedback, and acted upon that feedback by improving UX
- **Angular, CSS, Cordova, Gulp, HTML, Heroku, Ionic, Javascript, Knex, Node, npm, PostgreSQL, REST, AWS S3, Sparkpost, Twilio API**

## SOFTWARE ENGINEER (FREELANCE), NBA TEAM

Remote Jun 2016 - Aug 2016

- Built an interactive analytics platform for displaying live NBA game stats for coaches and scouts
- Worked with product owner to convert designs and ideas into requirements and build mockups
- Used test driven development to ensure accuracy of complex statistical calculations
- MVC architecture to allow scalability and easy maintainability
- **Angular, CSS, HTML, Javascript, Materialize, Responsive Design, TDD**

## HONEYMOON TRAVELING

New Zealand Oct 2019 - Jan 2020

## Featured Projects

See more of my work at <http://cheinrichs.github.io/>

### MCT CLIENT, ANDE (FREELANCE)

- Mock MCT client to allow database searches for rapid DNA use training.
- **React, Node, Rebass**

### ATMZR LINK SHORTENER - <http://atmzr.herokuapp.com/>

- Link shortener with fully unit tested API routes
- **Golang, Heroku, Docker**

## Education

### SOFTWARE ENGINEERING CERTIFICATE, GALVANIZE

Boulder, CO Jan 2016 - Jul 2016

### COMPUTER SCIENCE, COLORADO STATE UNIVERSITY

Fort Collins, CO Aug 2013 - Dec 2015

### BACHELOR OF MUSIC, BERKLEE COLLEGE OF MUSIC

Boston, MA Sep 2006 - May 2010

## Hobbies and Interests

### OUTCHASERS CARD GAME

Developed a tabletop strategy card game. Ran a successful Kickstarter Campaign and showed at multiple conventions.