


CHARLES HUFNAGEL

 charleshufnagel.net

 charles.hufnagel@pm.me

 434.987.0270

  /chufnagel

 /in/charliehufnagel

SOFTWARE APPLICATIONS

Wanderer | Software Engineer [Social Travel Diary/Experience Finder](#)

- Built modular and reusable UI components with React
- Utilized Redux-Saga to handle AJAX requests to server
- Architected scalable and fault-tolerant deployment using Docker, Nginx reverse proxy, PM2, and AWS ECS
- Crafted an E2E testing suite using Enzyme, Jest, and Selenium
- Optimized page load performance with lazy loading, pure components, and Webpack

Yinder | Software Engineer [Tinder-style Restaurant Finder](#)

- Refactored Express server and Mongoose to use Typescript
- Used Google Cloud, TravisCI, and Webpack to ensure continuous deployment and minified bundle following PRPL principles
- Created an integration testing suite with Ava and MongoDB

RELEVANT EXPERIENCE

Education Elements | Data Creative [San Carlos, CA: 2012 - 2014](#)

- Gained experience with data normalization, statistics, and SQL
- Designed and documented an API for student data transfer
- Created predictive models using student performance data using Python and R
- Devised new data-related product features and visualizations using D3.js
- Led a team of QA analysts in monitoring data integrations
- Specified data integrations to 40+ instructional software

TaskRabbit | TaskRabbit [San Francisco, CA: 2012](#)

- Performed QA work for local startups
- Participated in UI/UX research

OTHER PROFESSIONAL EXPERIENCE

Chicago Costume | Event Coordinator [Park City, UT: 2016 - 2018](#)

- Managed a costume shop at Comic Conventions around the US

Vail Resorts | Ski Instructor [Park City, UT: 2014 - 2016](#)

- Taught multilingual groups of children how to ski

Asia Society | Social Media Intern [San Francisco, CA: 2011 - 2012](#)

- Managed Bay Area social media presence

OTHER EXPERIENCE

- Traveled from London to Mongolia as a participant in the 2016 Mongol Rally
- Audiobook Narrator, Radio Talking Book
- Ranger, Utah Regional Burn
- Radio Host at Oberlin College's WOBC 91.5 FM

TECHNICAL SKILLS

Strong:

JavaScript, Python, SQL
React, Redux
Express, Nginx
MariaDB, MySQL, Postgres
MongoDB
AWS EC2, ECS, RDS
Docker
Webpack, Parcel
Git, Jira
Chai, Enzyme, Jest, Mocha
HTML, CSS, JSS

Experienced:

Java, Scala
TypeScript
Angular 2
Apache Spark
Redis
Google App Engine
Bash, Zsh
Linux
SSH, Rsync

EDUCATION

Hack Reactor

Software Engineering 2018
Immersive

General Assembly

Data Science 2013
• Python, scikit-learn

Oberlin College

Bachelors of Arts in History and East Asian Studies 2011
• Study abroad in Osaka, Japan (Fall 2009) and South Korea (Winter 2010)