

Technical Skills

Strong | JavaScript • Git • jQuery • SQL • Node.js • Express.js • React.js • JSX • AngularJS • Pair Programming
Experienced | ES6 • Material UI • Mithril • Data Structures • Grunt • Gulp • Webpack • TDD • Postgres • Knex.js

Projects

Greenbelter | 36-hour Solo-project | Full-Stack Software Engineer | grnbltr.com

Access useful information about the Barton Creek Greenbelt, including water status and swimming hole locations.

- » Upvoted to the fourth post on the front page of reddit.com/r/Austin with 134 upvotes within 6 hours
- » Devised a method for scraping Lower Colorado River Authority data to display status of the water level
- » Utilized embedded Google Maps to display walking directions to every swimming hole at the greenbelt

Moonlighter | Product Owner / Vice Gitlord | Full-Stack Software Engineer | github.com/moonlighter

Gamification of open source contributions - Level-up your character, gain XP, and earn coins for solving Github issues

- » Devised a method for automatically pulling issues from Github by simply commenting '@moonlighter-bot'
- » Created quest profiles, user profiles, and heavily contributed to the quest feed and the header/navbar
- » Developed majority of the functionality on the front-end - wrote all services/factories and controllers

TrailBlzr | Product Owner | Full-Stack Software Engineer | trail-blzr.herokuapp.com

View information including weather, location, and a description about any mountain-biking trail in the US

- » Implemented driving directions for each trail using Google Maps API by adding to the existing codebase
- » Integrated Weather Underground API to show forecast for each trail, using legacy code's modular pattern
- » Established Git workflow, performed code reviews on all pull requests, and handled any merge conflicts

YumSnap | Scrum Master | Front-End Software Engineer | github.com/chppr/chppr

Social media platform built exclusively for sharing photos and descriptions of individual dishes

- » Designed and implemented form that allows users to add a new dish to the feed as well as to the database
- » Created the navbar with filters for food categories and dietary restrictions, using Material UI components
- » Built a semi-functional dropzone for image upload that was completed by legacy groups using my code

Experience

MakerSquare | Advanced Software Engineering Immersive | Fellow/MakerPrep Instructor **Austin, TX | 2016**

- » Independently taught MakerPrep, an intro to Javascript, and converted more students than any prior instructor
- » Lectured and tutored over 75 immersive students on topics like Git, front-end frameworks, and CS fundamentals
- » Conducted 20+ technical interviews for prospective students and recommended final admissions decisions

Al-Yusr Townsend & Bottum | Downstream Oil/Gas | Trainee/Intern **Jubail, Saudi Arabia | 2014**

- » Analyzed and created isometric drawings of oil/gas pipelines using engineering sketches and AutoCAD '06
- » Maintained communication and resolved discrepancies between engineering dept and fabrication shop

Education

MakerSquare | Advanced Software Engineering Immersive

Austin, TX | 2016

The University of Texas | BS Petroleum Engineering | Business Foundations

Austin, TX | 2010-2015

- » National Hispanic Merit Scholar & Freshman Honor Society

Personal

Skills | Fluent in Spanish • Expert w/ DSLR Cameras • MKS Table Tennis Champ • Division 1 in FIFA Online

Hobbies | Travel • Photography • Soccer • Cycling • Snowboarding • Basketball • Volleyball • Camping • Painting