

## 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](http://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](https://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 Google Maps to display walking directions and where to park for every swimming hole at the greenbelt

**TrailBlzr** | Product Owner | Full-Stack Software Engineer | [trail-blzr.herokuapp.com](http://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](https://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

**Moonlighter** | Product Owner / Vice Gitlord | Full-Stack Software Engineer | [hacklightmoon.herokuapp.com](http://hacklightmoon.herokuapp.com)

*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

## Experience

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

- » Taught MakerPrep, an intro to functional programming in Javascript, to a wide range of technical backgrounds
- » 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