

## Technical Skills

**Strong** | JavaScript (ES6) • Git • Angular • Material UI • Node.js • Express.js • React.js • JSX • AngularJS • SQL  
**Experienced** | Python • Webpack • Backbone • Grunt • Gulp • Jasmine/Karma • Mocha/Chai • Postgres • MongoDB

## Experience

**Kapsch TrafficCom** | *Intelligent transportation systems* | Software Engineer (UI/UX) **Austin, TX | 03/18 - present**

- » Work with a team of engineers to develop a suite of maintenance and reporting tools for toll road operators
- » Built an Angular 5+ application from the ground up to replace existing legacy (jQuery/AngularJS) applications
- » Contribute to preliminary design meetings (UI, MW, and DB) when tasked with implementing a new feature
- » Interface with individuals from MW and DB teams on a daily basis to discuss implementation of new features
- » Lead (and document) daily stand-ups and scrum meetings for the UI/UX team
- » Maintain legacy applications (jQuery/AngularJS/Python) and frequently deploy to production Linux servers
- » Interact with both RESTful and SOAP APIs to provide data to our Toll Host application
- » Travel to client sites during preliminary design stages to discuss and demo features of our products in-person
- » Write and edit design documentation according to requirements agreed upon between Kapsch and clients
- » Periodically present and discuss in-progress features with clients to confirm requirements are being met

**Hack Reactor** | *Advanced Software Engineering Immersive* | Lead Instructor **Austin, TX | 05/16 - 03/18**

- » Managed the Instruction Team for the Austin campus and gave final approval on local curriculum changes
- » Conducted daily technical lectures on fundamental computer science and software engineering topics
- » Developed curriculum and contributed to the in-house projects which were used daily at Hack Reactor
- » Spent hundreds of hours debugging code with/for students and refactoring/explaining best practices
- » Taught MakerPrep, an intro to functional programming in Javascript, to a wide range of technical backgrounds
- » Conducted technical interviews for prospective students and recommended final admissions decisions

## Projects

**Greenbelter** | 36-hour Solo-project | React • Node • Amazon Web Services | [greenbelter.io](http://greenbelter.io)

*Find out the water level and flow at the Barton Creek Greenbelt along with directions to every swimming hole*

- » Upvoted to front page of reddit.com/r/Austin within 6 hours and advertised by KUTX 98.9 on Facebook
- » Fetches water data from the USGS Water Services API for various reading points on Barton Creek
- » Utilized Google Maps to display driving / walking directions for every swimming hole at the greenbelt

**Moonlighter** | Class Project at MakerSquare | AngularJS • Node • PostgreSQL | [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*

- » Created a Github bot that fetches Github issues when a user comments '@moonlighter-bot' on an issue
- » Designed and developed quest cards, user profiles, and heavily contributed to the quest feed and the navbar
- » Developed majority of the functionality on the front-end - wrote all services/factories and controllers

## Education

**MakerSquare (Hack Reactor)** | Advanced Software Engineering Immersive

**Austin, TX | 02/16 - 05/16**

**The University of Texas** | BS Petroleum Engineering | Business Foundations

**Austin, TX | 08/10 - 05/15**

## Personal

**Achievements** | Speaker at Developer Week Austin 2017 • Largest contributor to a repo featured on HBO's Silicon Valley

**Skills** | Fluent in Spanish • Expert with DSLR Cameras • Division 1 in FIFA Online • Efficient autonomous learner

**Hobbies** | Travel • Photography • Soccer • Cycling • Snowboarding • Basketball • Volleyball • Camping • Gaming