

Patrick Daly

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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 applications (jQuery/AngularJS)
- » 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 all 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 | Full-Stack Software Engineer | greenbelter.io

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 Google Maps to display walking directions and where to park for every swimming hole at the greenbelt

Moonlighter | Product Owner / Vice Gitlord | Full-Stack Software Engineer | 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

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**

- » National Hispanic Merit Scholar & Freshman Honor Society

Personal

Skills | Fluent in Spanish • Expert with DSLR Cameras • Professional Greenbelter • Division 1 FIFA Online Seasons

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