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 (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 | Personal Project | React • Node • Amazon Web Services | greenbelter.io
Check 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
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