SEAN MCQUAY
FRONT-END DEVELOPER

PROFILE

I'm passionate about all things data! I love the idea of driving swift and accurate decisions through data. Spend a few hours around me and you'll hear me over-using my favorite phrase, "quantifiably justifiable" or asking someone to back their hypothesis with data. Letting data speak has become critical in my life – from ensuring intuitive user experiences to bolstering business objectives and conversion goals.

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PROFESSIONAL SKILLS

What makes me valuable isn't the languages I know or the tools I use, but my attention to details that matter. I am continuously learning to develop an elegant solution with which to provide users a coherent, information-rich experience – ensuring a pleasant-to-navigate application serving to bolster conversion rates and retain current user bases.

LANGUAGES

English
Spanish
Finnish
Russian

EDUCATION

Missouri University of Science and Technology: 2008 – 2014
Electrical Engineering, B.S.
Spanish Language, Minor

Universidad Politécnica de Madrid: 2011 – 2012
Electrical Engineering, ERASMUS

EXPERIENCE

Saggezza: October 2017 – Present
Lead Front-End Developer

Working at Saggezza has allowed me to contribute and learn from numerous projects across varying fields from eCommerce to restaurants to banking. Each project requires a slightly different skillset. I have worked as part of large development efforts, coordinating with many other developers. Other times, I have led development efforts for entire applications. Exposure to numerous projects has also allowed me to grow new skills in emerging technologies, while maintaining existing skills when working in legacy code bases. With out client base, I find myself many times working directly with senior leadership or C-suite executives.

Securus Technologies: December 2016 – September 2017
UX Developer II

At Securus, I delivered value as a UX Developer within a small team of like-minded individuals driving the organization through quantifiable value derived from well-designed and developed applications. My involvement in the design and development of features began at their conception – working with business analysts and marketing specialists to understand the business needs and ensure user personas were accurately predicted and well catered towards throughout the design process. I generated user flows, wireframes, and mockups in Axure and the Adobe CC suite and in turn, translated approved mockups into functioning proto-types demonstrating page functionality and micro-interactions.
Once approved, I then rolled this code into our CMS, Liferay and applied an MVC framework (I worked mainly with Spring for legacy applications and a little with Angular 1.5) and proceeded to consume middleware services. I used the highly-semantic tag structure of HTML5 to ensure quality page indexing and targeted SEO. I leveraged Google Analytics along with internally-logged data to quantify my efforts and drive future design. Styling came from SCSS precompiled to CSS3 and data and DOM manipulation was driven by JavaScript ES6 transcompiled to ES5 with Babel for legacy support. I typically extended JS with jQuery. Build tasks such as minification, compression, linting and general code testing are automated through Grunt and Gulp. I worked with Bootstrap V2 in legacy applications and deployed new responsive features with the aid of Bootstrap V3. Depending on product, version control was handled via Git and SVN.

Luminant Energy: June 2014 – October 2016
Front-End Developer / Data Analyst

In this exciting role, I led design and development efforts for the creation of an new website for our business unit, focused on marketing our monitoring services to potential clients. The end deliverable was an ADA-compliant, fully responsive website leveraging Bootstrap V3, with a framework generated from HTML5 and SCSS precompiled to CSS3. JavaScript handled all interaction aspects and was extended by jQuery. During development of this website, I focused strongly on highly-semantic markup tags and a well-structured page layout to aid in page indexing and solid SEO. I handled code linting, testing, and build tasks through Grunt. While developing this website, I also provided support and generated content for our legacy WordPress website. Version control was handled through Git.
Prior to this role, I focused my efforts on statistical modeling and predictive analytics with the help of Ruby, VBA, and R for data cleansing and model population which I subsequently fed into several machine learning tools. I then directly presented this "actionable intelligence" to Luminant's internal stakeholders.

ACCOMPLISHMENTS

Professional Scrum Master – Level I
ISO III – Vibration Analysis
Beta Sigma Psi - Lutheran Fraternity
FIRST Robotics – Team Mentor