SEAN MCQUAY
UX 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.

📍 Dallas, TX

📱 +1.314.703.9631

✉️ srmcquay@gmail.com

🌐 www.seanmcquay.com

🔧 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

Securus Technologies: December 2016 – Current
UX Developer / Front-End Developer

I'm currently delivering value as a UX Developer within a small team of like-minded individuals driving the organization through quantifiable value derived from well-designed applications. My involvement in the design and development of features begins at their conception – working with business analysts and marketing specialists to understand the business needs and ensure user personas are accurately predicted and well catered towards throughout the design process. I leverage tools such as Adobe CC and Axure to develop wireframes and mockups which I then translate into prototypes via HTML, CSS, JavaScript / jQuery along with frameworks such as Flexbox and Bootstrap. I then fully integrate these prototypes within our CMS, Liferay, or pass them along with redlines to front-end developers. My typical day is filled not only with designing and implementing new features, but also assessment through analytics to provide an actionable path of improvement opportunities for currently-deployed features.

Luminant Energy: August 2015 – October 2016
Data Analyst / Front-End Developer – Power Optimization Center

I provided the team role of data analyst - leading a reformation in how our team approached big data, providing valuable insight into business operations, developing statistical models to assess equipment health and predict operational difficulties, and solving our everyday challenges with the aid of VBA, Ruby, and R. Derived findings were then combined with my engineering experience to provide a comprehensible context. I then directly presented this "actionable intelligence" to Luminant's internal stakeholders.

Luminant Energy: June 2014 – July 2015
Electrical Engineer – Fossil Engineering and Support

As an electrical engineer within this team I was responsible for generating construction / demolition packages, the creation and revision of fleet-wide guidelines and procedures, root cause analysis, and engineering support to the fossil-fueled fleet of generating stations. This team gave me strong experience in project planning and coordination - working to coordinate projects across both internal and external teams among vendors and engineers.

Luminant Energy: May 2013 – August 2013
Plant Engineer – Big Brown SES

As a Plant Engineer (intern), working at coal-fired generating station, I was responsible for predictive maintenance of plant components, engineering support to Luminant's southern region power generating stations, and the development and management of capital projects.

🖋️ ACCOMPLISHMENTS

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