

Skylar Wilcox

PROJECTS

Mint Wins • Lottery ticket manager in React with custom and external APIs [Live](#) • [GitHub](#)

- Instantly retrieve user information on revisit through token-based authentication middleware
- Automatic user outreach and updates of lottery information managed with CronJobs
- Custom APIs and React components allow adding for additional lotteries with low tech debt
- Promise-based queueing of user messaging. Custom HTML emails generated for each user

Domain Hack • A clever tool for finding clever domain names [Live](#) • [GitHub](#)

- Continuously optimizes response time with throttling and timeouts on API requests
- Maximizes referral bounty by dynamically selecting referral partner links
- Increases user utility by sorting results with a custom fuzzy logic algorithm

EXPERIENCE

Area Engineer and Project Manager • ExxonMobil • Baton Rouge, LA • 2015–2016

- Developed GUI for quality system to drive operator ownership. Resulted in no customer complaints during tenure, allowing business to repeatedly raise prices
- Managed 16 projects worth over \$25M. Led diverse engineering teams through execution

Site Engineer and Project Coordinator • ExxonMobil • Baton Rouge, LA • 2013–2015

- Implemented real-time energy efficiency metrics for operators in a lightweight GUI client. Stewarded performance to VP-level management.
- Introduced operations monitoring software on the site's Distributed System Architecture. Group lead for junior engineers commissioning the platform

EDUCATION / CERTIFICATIONS

Project Management Professional (PMP)

- Over 4,500 hours of project management experience
- Extensive training, testing, and certification by the Project Management Institute

The University of Pittsburgh • BS Chemical Engineering • 2009-2013

SKILLS

React Router Basic JavaScript PostgreSQL HTML5 CSS RESTful APIs Git