Tyler Kirkpatrick

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EDUCATION

Southern Methodist University — Dallas, TX
Bobby B. Lyle School of Engineering — Aug 2013 - May 2017
Bachelor of Arts, Computer Science and Engineering

EXPERIENCE

WalmartLabs — Bentonville, AR
Software Engineer — Nov 2017 - Present
- Implemented a much-needed unit testing framework using Jasmine and Karma which led to a more robust and predictable application.
- Successfully lead several company-wide SonarQube upgrades and hotfixes that affected over six thousand Walmart projects.
- Contributed to the Hygieia open source project (owned by Capital One) by adding interactive displays, increasing UI performance through more efficient REST methods, and adding a new collector that fetched "Technical Debt" data via a configurable Elastic Search query.

Anderson Merchandisers — Dallas, TX
Software Engineer - Intern — Aug 2017 – Sep 2017
- Created an application that allows the user to upload excel or csv files and automatically send templated messages to thousands of Anderson employees
- Utilized Atlassian products Jira, Confluence, Bitbucket and Jenkins to collaborate with other team members and create necessary documentation.

Center for Congregational Song — Dallas, TX
Lead Backend Developer — Sep 2016 – July 2017
- Independently created the backend for the Center for Congregational Song's website.
- Visitors have the option of browsing independently, registering for an account, searching for specific keywords and taking a quiz that asks about their music-related interests and then recommends certain resources to them.

PERSONAL PROJECTS

Lurk Moar – Ionic, Swift, Postgresql — Springdale, AR
Mobile Application that displayed content from Reddit, HackerNews, NewsAPI and more — Jul 2017 - Present
- Strong action verb + Goal, Effect, Result (Quantify and Qualify experience)
- Users can browse by subreddit /board, sort posts by different attributes, view comments, save images, add bookmarks to posts, and add user-specific favorite boards.
- Utilized Ionic native plugins to add voice-to-text and text-to-voice capabilities so users could browse their favorite platforms via voice activation.

ADDITIONAL SKILLS

Languages: C, C++, C#, Java, JavaScript, PHP, Python, TypeScript
Frontend Frameworks: AngularJS, Angular, Ionic, React
Backend Frameworks: Node.js, Django, Slim
Web Servers: Apache, Nginx
Database Tools: MongoDB, MySQL, Postgresql
Container Managers: Docker, Vagrant
Cloud Platforms: Amazon Web Services, DigitalOcean, Firebase, Heroku, Azure, Walmart OneOps