# EDUCATION

# Southern Methodist University Dallas, TX

**Bobby B. Lyle School of Engineering**Aug 2013 -May 2017

## Bachelor of Arts, Computer Science and Engineering

# EXPERIENCE

# Walmart Labs Bentonville, AR

*Software Engineer* Nov 2017 - Present

* Implemented much-needed unit testing frameworks using Jasmine and Karma which led to more robust and predictable applications.
* Successfully lead several company wide SonarQube upgrades and hotfixes that affected over fifteen thousand Walmart projects, including knowledge transfer sessions with multiple support teams and fellow Software Engineers.
* 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.
* Spearheaded the effort to design and implement a new Executive Dashboard React application allowing users to see D.O.R.A. deployment metrics for all Vice Presidents under a selected Executive.
* Independently implemented best practices Postgresql write-ahead-log backups, automated point-in-time backups written to external object storage and contributed to a Walmart Ansible playbook that creates a self propagating, HA proxy driven, Postgresql cluster.

# 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.

### 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, Spring

**Web Servers:** Apache, Nginx

**Database Tools:** MongoDB, MySQL, Postgresql

**Container Managers:** Docker, Kubernetes

**Cloud Platforms:** Amazon Web Services,DigitalOcean, Firebase, Heroku, Azure, Walmart OneOps