Tyler Kirkpatrick

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EDUCATION: **Southern Methodist University**   School of Engineering, Dallas, TX
B.A. Computer Science   August 2013 – May 2017

University of Oxford   University College, Oxford, United Kingdom
International Studies   Summer 2017

COURSES: Artificial Intelligence, Database Design, Graphical User Interfaces, Software Engineering

TOOLS: Amazon Web Services, Angular 2, Django, Excel, Express.JS, Git, Hapi.JS, jQuery, MongoDB, MySQL, Nginx, Node.JS, Ubuntu, Vagrant

LANGUAGES: **Most Proficient:** C++, Java, JavaScript, PHP   **Proficient**: C, C#, Python, Typescript

EXPERIENCE:

Anderson Merchandisers   August 2017 - present
Software Developer – PHP, JavaScript   Dallas, TX

- Creating application that allows the user to upload excel or csv files and automatically send templated messages to thousands of Anderson employees.
- Utilizing Atlassian products Jira, Confluence, Bitbucket and Jenkins to collaborate with other team members.

Center for Congregational Song   May 2017 - present
Software Developer – Node.js, MySQL   Remote

- Created a web application for the non-profit organization "Center for Congregational Song."
- Visitors can browse independently, register for an account, search for specific keywords or take a quiz that asks about their music-related interests and then recommends resources to them.
- Implemented user validation through JSON web tokens.
- Conducted weekly standups, assigned tasks to other team members, and used waffle.io, apiary.io and Github for task delegation, testing and version control, respectively.
- The frontend was deployed using Heroku and the backend through Elastic Beanstalk.

PROJECTS:

TimeWaster
Personal Project – Ionic, Swift

- Built a mobile application for iOS and Android that allows users to view posts on Reddit, Voat, Hacker News, Mashable, and other social media and news platforms through the use of their public APIs.
- Users can browse by subreddit/subverse/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.