**Benjamin Sullivan**

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**FULL STACK WEB DEVELOPER**

Experienced in Ruby on Rails, JavaScript, and React based programming with a background in System Administration. Possess strong skills in web development and implementation that helps move teams from an idea to a fully functioning product.

**TECHNICAL SKILLS**

Ruby, Ruby on Rails, JavaScript, React, React Native, RESTful APIs, HTML, CSS, JSON, SVG, MySQL, PostgreSQL, Open Graph, Python, Agile Development, Windows Server Administration

**TECHNICAL PROJECTS**

**Community Checklist** - [Github](https://github.com/Goto15/community-checklist) | [Demo](https://www.youtube.com/watch?v=9jGGtUqU8_w)

*Community Checklist allows and promotes the discovery of interesting places and businesses in your local community*

* Implemented multiple calls to different Google APIs to allow users to see the up-to-date information from Google Maps, and Google Places based on their Google Geolocation information.
* Created a RESTful backend using Ruby on Rails allowing for session persistence and third-party developers to take advantage of application data.
* Designed a React Single Page Web Application that allows users to interact with their local environment through their choice of a map view or a card list populated with Google Places and Open Graph
* Collaborated with a designer to create a great user experience.

**Epic Elo Project** - [Github](https://github.com/Goto15/tournament_db) | [Hosted Link](http://epicelo.com/)

*A brutalist web app designed to display player Elo rankings from Epic Card Game competitive tournaments.*

* Constructed a MySQL database via Ruby on Rails to allow for easy expansion and exposure through a RESTful API.
* Applied the Elo ranking algorithm to rank players and predict match outcomes.
* Created a minimal frontend using Vanilla JavaScript in order to draw the users attention to data rather than design in order to keep information as easily attainable as possible.

**Austin Underground** - [Frontend](https://github.com/Goto15/mod-4-project) | [Backend](https://github.com/Goto15/mod-4-backend)

*A way for responsibly quarantined persons to offer services and goods to each other.*

* Created a modular frontend with React that could expand or contract with users’ needs.
* Normalized the database to keep CRUD operations as simple and streamlined as possible.

**bensullivan.dev** - [Github](https://github.com/Goto15/bensullivan.dev) | [Hosted Link](http://www.bensullivan.dev)

*Personal portfolio*

* Procedurally generates new and unique artwork for each visitor using HTML Canvas, Perlin Noise, and Gaussian distributions.
* Modularized sections of the website to decrease maintenance time.
* Designed to be mobile first and responsive on all devices from mobile to desktop screens.

**EXPERIENCE**

Technical Services Manager, **Brentwood Christian School**, Austin, Texas 12/2016 - 08/2019

* Administered and maintained network and server systems for 700+ users.
* Prioritized, assigned, and fulfilled help desk tickets and decreased response time from 120 minutes to 30 minutes
* Developed a backup strategy on limited budget using best practices.
* Built infrastructure to handle power grid outages, increasing uptime post outage from 0 minutes to 30 minutes, resulting in the prevention of productivity loss from unsaved work and for a graceful shutdown of servers.
* Created a documentation library for systems and software in a production environment.

**EDUCATION**

**Flatiron School**  01/ 2020 - 05/2020

Full Stack Web Development, Ruby on Rails and JavaScript program

**Texas A&M University**, College Station, Texas

Bachelor of Science, Computer Science 08/2016