

# Benjamin Sullivan

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## FULL STACK WEB DEVELOPER

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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

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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

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### Community Checklist - [Github](#) | [Demo](#)

*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](#) | [Hosted Link](#)

*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](#) | [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](#) | [Hosted Link](#)

*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

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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

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### 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