

# Mathias Anderson

Portland, Oregon | 510-432-5044 | [mathiasanderson88@gmail.com](mailto:mathiasanderson88@gmail.com) | [LinkedIn](#) | [Github](#) | [Portfolio](#)

## PROJECTS

**ColorCodedTees** (React, Redux, JavaScript, Python, HTML, CSS, PostgreSQL)

[Live Site](#) | [Code](#)

*An ecommerce website that allows users to share t-shirt ideas. Logged in users can also purchase t-shirts that have an ethnic theme.*

- Populated original seed data, manually, to display an old student's artwork.
- Implemented a Redux store to manage global state throughout the entire app.
- Leveraged npm react packages such as Material-UI to provide users a smooth experience when submitting forms.

**Scarebnb** (React, Redux, JavaScript, Python, HTML, CSS, PostgreSQL)

[Live Site](#) | [Code](#)

*A clone of Airbnb. Users are able to find haunted houses, book a stay, or host their home as a haunted house.*

- Implemented Google Maps API Embedded Maps to display haunted houses throughout the state of Michigan.
- Required Amazon Web Services S3 (AWS S3) to allow users to upload images to the site from their local machine.
- Utilized WTForms from flask to validate user input and authorize permissions, ensuring overall data security.

**VirusOverflow** (JavaScript, HTML5, and CSS3, PugJS HTML templating Engine)

[Live Site](#) | [Code](#)

*A clone of StackOverflow, users are able to go to Virus Overflow and post questions/ ask questions about the 2020 pandemic.*

- Collaborated with group members to create a clone of StackOverflow using Pugjs, Express, and Sequelize to demonstrating ability to learn and implement various technologies
- Utilized HTML5 Canvas for gameplay features, such as: animations, difficulty settings, and user inputs, enhancing overall user experience and engagement.
- Manipulated the Document Object Model (DOM) using basic JavaScript along with Ajax requests to generate dynamic pages that updated asynchronously.

## EXPERIENCE

**Physical Education Teaching Assistant** - Portland Unified School District

October

2019-June 2020

- Assisted head teacher with supervision of 100 students at a time, establishing leadership and a safe learning environment.
- Planned and implemented physical education curriculum by providing age appropriate education and activities to 100+ middle school students per class.
- Participated in an after school program, providing groups of 30 students with homework assistance, and planned enrichment activities to improve student grades, test scores, and overall student engagement.

**Teaching Overseas** - English Teacher at Little Star English school, Shizuoka, Japan

September 2016 - May 2018

- Collaborated with teaching team to develop educational curriculum, design classroom layouts, create 50+ demo lessons, and select educational materials in order to provide exceptional education with a focus on "local colloquial"
- Implemented English curriculum for Japanese students aging from 3-70yr, by using a combination of working through a text book and acting out real life situations so students develop a more natural command of the language.
- Certified as a TEFL English Teacher in order to satisfy working Visa requirements to teach in Japan.

**Education Assistant** - Hayward Unified School District

October 2013 - October 2016

- Provided academic support to lower division students with Individual Educational Plans (IEP) by "pushing" or "pulling" students from class, as needed, in order to ensure successful completion of capstones and promotion to the next grade.
- Attended weekly and quarterly IEP meetings with students, teachers, and parents to discuss student progress, evaluate current IEP, and make adjustments where needed, adhering to academic, legal, and personal accommodations were upheld.
- Trained two incoming Instructional Aides by leading the onboarding process, ensuring a smooth transition and prioritizing their connect with students to develop lasting relationships.

## EDUCATION

**App Academy**

2020-2021

*Immersive twenty-four-week software engineering program with a focus on full-stack development*

**Columbia University**

2016

*Certificate in Teaching English as a Foreign Language*

