

# CHRISTOPHER HAUSER

860-748-6432

chauser6@gmail.com

[LinkedIn](#)

[Github](#)

## SKILLS

JavaScript, Node.js, Python, React/Redux, Flask, Express, PostgreSQL, HTML5/CSS, Docker

## PROJECTS

**Wordcipher** | (React/Redux, PostgreSQL, Flask, WTForms, WordsAPI)

[live](#) | [github](#)

*A re-creation of the popular word game, Wordle, with additional social features and functionality.*

- Developed custom JavaScript game logic to listen for specific keypresses and dynamically update elements in the DOM, ultimately creating a clean, intuitive, and enjoyable experience for players.
- Integrated the WordsAPI to fetch random words for the game and send queries on form submissions to check the validity of user-input words.
- Designed additional social features, including friends lists, the ability to send challenges to friends, and play games with words from user-generated lists, all made possible with join tables and database queries in a Flask/PostgreSQL backend.

**Pro.gram** | (React/Redux, PostgreSQL, Flask, WTForms)

[live](#) | [github](#)

*A photo-sharing social app inspired by Instagram, created with React/Redux, Flask, and PostgreSQL.*

- Collaborated with three other engineers to create a seamless social experience where users are able to follow others, view a custom feed for users they follow, explore all uploaded photos, and easily like and comment on posts.
- Optimized render times through the use of state with React/Redux technologies, allowing for data to be displayed on the page without the need for hard refreshes.
- Implemented modals with React context to lessen the amount of page navigation incumbent upon the user.

**Rarebnb** | (React/Redux, PostgreSQL, Express, Sequelize)

[live](#) | [github](#)

*A colorful clone of the well-known hosting site, Airbnb, built on React/Redux, Express, and PostgreSQL.*

- Enabled comprehensive error handling through a combination of Sequelize ORM validations and frontend custom validations for both a cleaner database and more user-friendly experience.
- Leveraged React's state and selector capabilities to render edit and delete options only for content owned by logged-in users.
- Thoughtfully organized and implemented react components to ensure clean code and frontend responsiveness.

**Tale of Task** | (Express, PostgreSQL, Sequelize)

[live](#) | [github](#)

*A gamified task app that enables users to log tasks and create custom lists, all while gaining points to level up their hero.*

- Employed extensive use of DOM manipulation to quickly update information on the page without the use of other rendering technologies like React/Redux.
- Adhered to best practices for RESTful routing, ensuring a clean transfer of data from the backend to the frontend and vice versa.
- Designed a game-inspired interface through the use of CSS3 and custom JavaScript logic to reward users for completing their tasks.

## EXPERIENCE

### Volunteer Coordinator

Opera Theatre of Saint Louis

Mar 2020 - Jul 2021

- Mobilized, adapted, and supervised the work of over 15 volunteer committees and more than 300 volunteers.
- Launched digital social programs on Zoom to maintain engagement with volunteers and other loyal patrons amidst the COVID-19 pandemic, while also successfully training many tech-averse individuals so they could participate.
- Redesigned the Opera Theatre Boutique's Square site for a cleaner and more streamlined user interface, allowing

for increased digital sales during the pandemic.

- Compiled and analyzed company budget projections in collaboration with the Director of Administration to maintain programmatic quality while ensuring fiscal responsibility during challenging times.

### **Program Coordinator**

*Lynx Project*

Aug 2018 - Feb 2020

- Coordinated the organization's largest concert event in Cincinnati, the Autism Advocacy Series.
- Drafted fundraising materials including solicitation and acknowledgement letters, as well as a series of other appeal emails.
- Designed promotional media for concerts including posters, online banners, and postcards.

## **EDUCATION**

Ithaca College - *BA Voice Performance / BA Music Education, 2013-2018*

University of Cincinnati - *MA Arts Administration / MA Business Administration, 2018-2020*

App Academy - Studied in the intensive 24-week/1,000+ hour SWE immersive bootcamp, 2021-2022