

Christopher MacMaster

Software Developer

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

CAREER SUMMARY

I'm passionate about progressivism and would commit to working anywhere where I can make the world a better place. I enjoy collaborating with others and also would eventually love to include some teaching responsibilities at my place of work.

SKILLS

Languages: Javascript, Python, SQL, HTML, CSS

Frameworks/Tools: React, Redux, Express, Flask, Sequelize, SQLAlchemy, PostgreSQL

Key Skills: Pair Programming, Test-Driven Development (TDD), Object-Oriented Programming (OOP), Scrum Methodologies

PROJECTS

GroupUp (React / Redux / Flask / SQLAlchemy / Postgres)

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

GroupUp is an overwatch-themed social media application modeled after the site Meetup.

- Utilized a PostgreSQL database to store data on groups, events, and users, as well as relationships between those resources in order to allow users to manage their joined groups and events.
- Implemented Flask as a backend framework to facilitate queries to the database.
- Used React on the frontend to construct a dynamic website that updated the display without reloading the webpage.
- Implemented Redux to facilitate the management of state for the group, event, and user features. Utilized props and context to pass data between components.
- Styled the frontend with CSS using the Blizzard Overwatch website as an example. Used google extensions such as a color picker and pixel counter to adapt the Blizzard styling.

Spacey (React / Redux / Flask / SQLAlchemy / Postgres)

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

Modeled after the shopping site Etzy, users can buy and sell space themed merchandise.

- Utilized github to work on a separate product feature branch with a team of other developers on their own branches.
- Used a Scrum framework to facilitate an efficient workflow. Participated in daily standups and communicated over discord to coordinate remotely.

EXPERIENCE

Analyst - Socialsphere

January 2020 - February 2022

- Charted successful course of programming, preparing, and fielding public opinion surveys utilizing CMIX.
- Monitored surveys in the field to ensure timely, representative samples are collected for weighting.
- Drafted memos and powerpoint presentations on topics spanning lottery sales to candidate horse-races.

Polling Intern - EMC Research

May 2018 - August 2018

- Assisted in data analysis utilizing SPSS and the creation of client deliverables such as topline reports.
- Designed and edited client presentations utilizing powerpoint and excel.

EDUCATION

App Academy

October 2022 - May 2023

- Full-stack web development bootcamp prioritizing software engineering best practices.
- Covered topics such as data structures and algorithms, object-oriented programming (OOP), test-driven development (TDD), etc.

Harvard College

GPA: 3.78 August 2015 - May 2019

- Relevant Coursework: Survey Research Methods, American Public Opinion, Modern American Political Campaigns, Progressive Alternatives.