

CONNOR MURPHY

P. 631-365-9480

cjm2197@columbia.edu

[LinkedIn](#)

[Github](#)

[Portfolio](#)

New York, NY

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Python, Mongoose, MongoDB, Node.js, Express.js, SQL, GraphQL, SQLite3, PostgreSQL, Java, Flutter, Dart, Webpack, Websockets, jQuery, Git, Heroku, SCSS, Amazon Web Services (AWS), Firebase, Firestore, RSpec, Capybara, Jasmine, Jest, Data Structures & Algorithms, Test-Driven Development (TDD), Object Oriented Programming (OOP)

PROJECTS

BluTube - JavaScript, Ruby on Rails, React.js, Redux, PostgreSQL, Heroku, Webpack, AWS S3

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

A video hosting social media platform inspired by YouTube

- Utilized AWS to allow users to upload videos, thumbnails, and profile pictures, as well as Redux integration with HTML5 web components to create media playback
- Employed session storage and BCrypt encryption for persistent user authentication
- Incorporated Rails polymorphic associations with comments and likes on videos and comments

RPSkill - JavaScript, MongoDB, Express.js, React.js, Node.js, Websockets, Heroku

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

A real-time multiplayer gaming platform with an ELO ranking system

- Collaborated with 2 other Software Engineers, working on both the front-end components and the backend database structure
- Implemented websockets with Socket.io to let users play each other in real time
- Developed a ranking system utilizing a custom ELO algorithm

The Empire Types Back! - JavaScript, HTML5, Canvas, CSS3, Firestore

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

An Arcade-style game where the player types words that appear above enemy ships to destroy them

- Built a first-person view complete with an interactive Heads Up Display that scales to the window size
- Incorporated a Firestore Database to store player's scores for a leaderboard
- Developed animation and sound for responsive enemies

EXPERIENCE

Technical Teacher's Assistant

June 2021 - Present

App Academy

New York, NY

- Prepared students for the technical interview process through mock interviews focused on developing and articulating solutions to complex questions.
- Engaged in one-on-one debugging sessions for student portfolio projects ranging from ideation to deployment.

Executive Assistant

April 2018 - September 2019

Oppenheimer & Co., Inc.

Melville, NY

- Designed and maintained individual websites and LinkedIn profiles for Financial Advisors at the branch to improve their online presence and bring in more business.
- Created and organized a database of potential recruits by researching qualified candidates in the area and served as an intermediary between recruits and Management.

Sales Associate

May 2013 - April 2018

Brinkmann Hardware & Paint Supply

Long Island, NY

- Solved 50-100+ unique problems daily by using specialized knowledge to find ideal solutions for customer's specific needs.
- Contributed significantly to the development and opening of 2 new retail locations by helping model floor plans and organizing inventory, as well as setting up Grand Openings, liquidating old location's stock and managing clearance sales.

Rowing Coach

June 2014 - August 2014

Chaminade High School

Mineola, NY

- Responsible for developing and instructing on-land training exercises and races for incoming freshmen

EDUCATION

Columbia University - BA - Political Science - Fall 2019 - Intro to CS in Java, Data Analysis & Stats for Political Science Research, Intro to Electrical Engineering, The Digital Information Age

App Academy - 2020 - Highly selective 16-week full-time web development program with a 3% acceptance rate.