

CONNOR MURPHY

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[LinkedIn](#)

[Github](#)

[Portfolio](#)

New York, NY

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Python, MongoDB, Mongoose, Node.js, Express.js, SQL, GraphQL, SQLite3, PostgreSQL, Java, C#, 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, along with HTML5 for 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
- 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

Flitter - Flutter, Dart, Firebase, Firestore, Google Cloud Functions, IOS, Android

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

A mobile social media app inspired by Twitter usable on IOS, Android, and on the Web

- Developed with current Flutter implementations in mind, including null-safety and web support
- Integrates Firebase for authentication, file storage, and Firestore databases
- Applied Google Cloud Functions to ensure the safe handling of data ([functions repo](#))

EXPERIENCE

Software Engineering Assistant

June 2021 - Present

App Academy

New York, NY

- Prepared students for the job search process through mock interviews focused on developing and articulating solutions to complex questions using data structures and algorithms.
- 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
- 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.