

Carolyn McCawley

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Education

New York University Tandon School of Engineering

New York, NY

B.S. IN INTEGRATED DIGITAL MEDIA, MINOR IN COMPUTER SCIENCE

May 2020

- Dean's List all semesters; GPA: 3.79
- **Relevant Courses:** Web Development, Dynamic Web Applications, User Experience Design, Mobile Application Development, Intro to Databases, Data Structures & Algorithms, Object Oriented Programming, Ideation & Prototyping

Skills

Programming Languages: JavaScript, HTML & CSS, PHP, SQL, Python, C++

Frameworks and Libraries: React, React Native, Redux, Node.js, Express, jQuery

Skilled Areas: Full Stack, Web Applications, Mobile Applications, Frontend Development, UX/UI

Tools: Git, Figma, Datagrip, Docker, Linux

Experience

Next Jump

New York, NY

SOFTWARE ENGINEER

August 2020 - Present

- Primary developer for the design, implementation, and testing of the new contact form; worked with the customer service team to gather requirements to ensure that it took into account the commonly reported issues by users
- Built out an interface for customer service team to enable refunds for Walmart, Lenovo and other partnered brands' orders for order, item, and partial item level refunds
- Updated leadership site to be data driven using a MVC design pattern
- Created database tables and accompanying CRUD accessors for tracking member certificates for different leadership programs. An interface to these accessors was provided to the operations team for usage
- Development primarily in JavaScript, PHP, SQL, and HTML/CSS

Projects

Food Wars App

- Built a mobile application that integrated the Yelp and Google Maps APIs to allow users and their friends to pick a restaurant near them, receive directions based on their location, and save restaurants to their profile.
- Designed the logic that narrowed results given to users based on sets of preferences
- Lead engineer working closely with a UX designer to build out the interface of the app based on Figma sketches
- Implemented using: React Native & Firebase

Student Calendar App

- Developed an app that allows users to manage their schedule; users can add calendar events, assignments, and items to a to-do list.
- Built using Flux and Async Storage to manage data and save user's information.
- Implemented using: React Native, JavaScript

PriCoSha

- Collaborated in a three person team to design and build a social media app via on server that communicated with a database.
- Executed the function to allow users to create groups and add and remove members from existing groups.
- Streamlined the homepage to allow users to filter the visible data.
- Implemented using: Python (Flask) & MySQL

Additional Experience

TRIO

New York, NY

INTRO AND ADVANCED PHYSICS TUTOR

Feb. 2018 - May 2020

- Provided tailored instruction and assistance to 10 students studying mechanics, electricity & magnetism and fluids
- Worked closely with students to assess their comprehension and learning style to create lesson plans in order to reach their academic goals
- Facilitated academic growth with all students achieving a passing grade