

education New York University

College of Arts and Science

B.S. Computer Science, Minor Physics

June 2020

New York, NY

experience Coral

Software Developer

August 2021 - Present

New York, NY (remote)

- Established automated financial system by designing and building database to manage transactions of properties in **PostgreSQL**, eliminating the need for manual management by accountants.
- Streamlined client outreach by engineering an automated Slack bot in **Node.js** that communicated detailed alerts of new signups and investments, allowing co-workers to respond more quickly and more accurately to consumer needs.
- Improved internal infrastructure by building an administrator dashboard in **React.js**, enabling co-workers to view and modify relevant data in a user-friendly GUI.
- Overhauled cloud storage process by modifying **Node.js** scripts related to **GCS**, creating a more robust area for development.

MissionFocus

Resources Manager | November 2020 - August 2021
Software Developer | June 2020 - November 2020

June 2020 - August 2021

Washington, D.C. (remote)

- Managed progress and deployment of features within team by overseeing the development process and deploying releases in **Docker** and **AWS**, establishing a consistent workflow for software development and release for the team.
- Overhauled UI/UX of a geospatial application for the Department of Defense by illustrating significant redesign mockups using **Sketch**, as well as building and integrating them in **Ember.js** and **TypeScript**, creating a more streamlined approach for users.
- Improved application within a SCRUM/Agile workspace by building/developing various new features in **Ember.js** and **TypeScript** and detailing and updating internal and client-facing documentation, allowing for increased capabilities and functionality for users.

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Developer Intern

September 2019 - December 2019

New York, NY

- Enabled automated review of code base by introducing, designing and developing test scripts using **Selenium WebDriver** in **Node.js**, allowing for more efficient development of site.
- Updated company database by scraping websites, gathering company data using Clearbit API with **Python** and **Node.js**, and developing algorithm for fuzzy name matching, allowing for better user experience through improved autocomplete.

New York University

Educational Technology Assistant

May 2017 - December 2019

New York, NY

- Improved development of courses in NYU by conducting UI/UX surveys and then developing/designing the standardized course template now used by the department, resulting in more functional and more visually appealing courses.
- Maximized student retention by redesigning and upgrading existing courses, such as an online Introductory **Python** course and a French literature course (Papiers-Mâchés) in **WordPress**, allowing for better course functionality and student comprehension.

skills Languages

React.js, TypeScript, Node.js, PostgreSQL, Node.js, Express.js, Python, HTML/CSS, Bootstrap

Applications and Certifications

Git, Adobe XD, Sketch, WordPress, Microsoft Office, Google Analytics

projects ReleaseM

MongoDB, Express.js, React.js, Node.js

Web application that tracks music releases from your favorite artists utilizing the Spotify API, allowing users to organize, find and listen to new music. Deployed using **Heroku** and **MongoDB Atlas Cloud**.