

## education **New York University**

College of Arts and Science

**B.S. Computer Science**, Minor Physics

Relevant Coursework: Agile Software Development and DevOps, Open Source Software Development

June 2020

New York, NY

## experience **MissionFocus**

**Resources Manager** | November 2020 - Present

**Software Developer** | June 2020 - November 2020

- Manages 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.
- Overhauls 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.
- Improves 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.

June 2020 - Present

Alexandria, VA (remote)

## **Vancery**

**Developer Intern**

- 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.
- Revamped appearance of the website by debugging various features in **React.js**, improving user experience and site stability.

September 2019 - December 2019

New York, NY

## **New York University**

**Educational Technology Assistant**

- 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.
- Guided students by building and designing interactive NYU courses in **HTML/CSS**, giving learners new ways to apply their knowledge.

May 2017 - December 2019

New York, NY

## skills **Languages**

React.js, TypeScript, Ember.js, Node.js, Gatsby.js, Express.js, Python, HTML5/CSS3, Bootstrap 4

### **Applications and Certifications**

Sketch, Git, WordPress, Microsoft Office, Adobe XD, Adobe Captivate, Autodesk Revit, 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**.

## **CryptoWatch**

HTML, CSS, JavaScript

Google Chrome Extension that allows users to manage their cryptocurrency portfolio by providing up-to-date price and change tracking through the CoinMarketCap API. Deployed on the Chrome Web Store.