

Professional Experience

- January 2020– UNITED NATIONS
Data Analytics - Front-End Developer, New York City
- Design front-end infrastructure for an open data platform to make Peace and Security data more accessible and reliable
 - Developed Docker containerization to simplify deployment to Azure
 - Developed headless Drupal instance with React front-end to allow for non-technical content editing
- October 2020– CODECADEMY
Content Contributor, New York City
- Write lesson content for online programming courses explaining web technologies for beginner and intermediate programmers
 - Develop learning standards and to measure learning success and outcomes
 - Create unit test with Javascript and RegEx to evaluate learner inputs to ensure correct exercise completion
- Dec 2015– MARK OF THE LAM
Freelance Developer, New York City, Ho Chi Minh City, Los Angeles, Berkeley
- Design and develop websites for business ranging from personal artists to independent publishing houses to promote products, events and services with clients located in Israel, Qatar, Hong Kong, and United States through Upwork
 - Implemented AJAX queries to database to automate content population and showcase projects
 - Custom Ghost CMS theme development with Handlebars.js and Stripe integration to drive subscription and membership
 - Work with clients and account managers to define scope of work and create development timelines for deliverables
- Aug 2018 - May 2020 NEW YORK UNIVERSITY - ITP
Graduate Assistant – Web Accessibility Developer, New York City
- Developed an accessibility compliant front-end interface for a project database to meet NYU accessibility initiative guidelines in accordance to WCAG standards and tested with VoiceoOver, JAWS, and Lighthouse/WAVE
 - Mentored and trained students in web accessible programming paradigms so students will consider impact of accessibility throughout their development career
- Sep 2018 - Aug 2019 LINCOLN CENTER FOR THE PERFORMING ARTS
Digital Accessibility Fellow, New York City
- Created accessibility training material for engineering and legal departments to promote access for a diverse customer base
 - Audited internal and external digital media of a world-class performing arts institution and write recommendations to meet WCAG 2.1 and Section 508 compliance
 - Prototype a fully compliant digital map of campus accessibility features to simplify wayfinding

Projects

- 2020 ITP Project Finder, Front-end Web Development, Accessibility
NYU ITP, New York City
- Front-end redesign and development of ITP's student project database to meet NYU's accessibility initiative
- 2020 Bridge to the Internet, Website, Open Source Software, Computer Networking
NYU ITP | Presented at Our Networks 2020, New York City
- WiFi AP & Router image for Raspberry Pi with Squid Proxy cache, Pi Hole ad-blocker & Node/Websockets local chat app
 - Website built with Vue.js to explain concepts in computer networking

Technical Skills

- Full Stack Web Development - React, VueJS, Wordpress, NodeJS + ExpressJS, Flask, Postgresql, MongoDB
- Operations - *NIX System Administration, Git, Heroku, Docker, Squid, Wireshark, cPanel
- Programming Languages - Bash, JavaScript, Node JS, Python, Go, C
- Digital Accessibility Standards - WCAG 2.1, Section 508

Education

Fall I 2020	Participant <i>Recurse Center</i> , New York City
May 2020	Interactive Telecommunications , Master of Professional Studies <i>New York University</i> , New York City
Dec 2015	Media Studies & Art Practice , Bachelor of Arts <i>University of California, Berkeley</i> , Berkeley
May 2013	Graphic Design , Associate of Arts <i>College of the Canyons</i> , Valencia