Mark Lam

Brooklyn, New York

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github.com/emceelamb

Professional Experience

January 2021–

UNITED NATIONS
Data Analytics - Front-End Developer, New York City

- Design technical infrastructure for the front-end of an open data platform to make Peace and Security data more accessible and reliable
- Implement Docker containerization to simplify deployment to Azure Cloud Service
- Develop 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 course content for full stack Django development and creative coding with p5.js
- 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 Lighout/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

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
Recurse Center, New York City

May 2020

Interactive Telecommunications, Master of Professional Studies
New York University, New York City

Dec 2015

Media Studies & Art Practice, Bachelor of Arts
University of California, Berkeley, Berkeley

May 2013

Graphic Design, Associate of Arts
College of the Canyons, Valencia