

Mark Lam

1770 Dean Street
Brooklyn, New York
USA

markofthelam.com
github.com/emceelamb

+1 661 478 9651
mlam@nyu.edu

I'm a sculptor, media scholar, and educator turned developer, with over five years experience developing websites and digital design for businesses ranging from e-commerce to independent artists. I research interdisciplinary interactive media to take a creative approach to computer networking technology. My other interests include teaching programming, digital accessibility, and making generative sound objects.

TECHNICAL SKILLS

- Dynamic Web Development - React, VueJS, Flask, Postgres, MongoDB
- Operations - Automation (Bash, Python), *NIX System Administration
- Real-time Data Visualization - D3JS, Processing, P5JS,
- Digital Accessibility Standards - WCAG 2.1, Section 508

Professional Experience

2015–

MARK OF THE LAM
Freelance Developer
NYC, HCMC, LA, Berkeley

- Design and develop websites for business ranging from personal artists to independent publishing houses
- Implement web features including image api's to online payment procedure to streamline development time
- Scope timelines and specifications while coordinating with clients to meet business objectives
- Work with account managers to deploy websites and test for bugs and errors

2018-2020

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
- Created training materials to conduct accessibility audits with assistive tech including VoiceOver, Jaws, and Lighthouse/WAVE
- Mentored and trained students in web accessible programming paradigm
- Assessed and correct digital accessibility issues in accordance to WCAG guidelines

- 2018–2019 **LINCOLN CENTER FOR THE PERFORMING ARTS**
Digital Accessibility Fellow
 New York City
- Created internal digital accessibility training material to promote access for a diverse customer base
 - Created an automated work process for captioning a catalog of over 1000 hours of video content
 - 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
 - Develop a fully compliant digital map of campus accessibility features to allow for increased physical access
- 2017–2018 **HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY & EDUCATION**
Visiting Lecturer – Introductory Programming, English
 Ho Chi Minh City
- Developed an introductory English/programming curriculum in the C language for non-native English speaking students, and worked with student leaders to promote extracurricular English study
 - Led supplemental workshops in specialized programming topics such as web design and portfolio building

Education

- 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

Projects & Workshops

- 2020 **Bridge to the Internet**, Website, Open Source Software, Computer Networking
NYU ITP, New York City
- Open Source router configuration built on Raspberry Pi
 - Website built with Vue.js explaining computer networking topics
- 2020 **Automating Mindfully**, Technical Workshop
Unconference at ITP NYU, New York City
- Introduction to Bash scripting language for beginner coders
 - Explore automation as a meditative practice
- 2019 **Lincoln Center Campus Accessibility Map**, Digital Map
Lincoln Center for the Performing Arts, New York City
- Created a digital map of the Lincoln Center Campus that is fully compliant to WCAG 2.1 standards
 - Extended Google Maps API to incorporate WAI-ARIA features