

# Mark Lam

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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 recently received my Master's degree at New York University where I researched interactive media using computer networking technology. My other interests include teaching introductory programming, digital accessibility, and making generative sound objects.

## AREAS OF INTEREST

- 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

## Previous 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
- Scope timelines and specifications while coordinating with clients to meet objectives
- Work with account managers to deploy websites and test for bugs and errors

2018–

### NEW YORK UNIVERSITY - ITP

*Graduate Assistant – Web Accessibility Developer*

New York City

- Developed a compliant front-end interface for a project database
- Developed training materials to conduct accessibility audits with assistive tech including VoiceOver, Jaws, and Lighthouse/WAVE
- Mentor students in programming
- Assess 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 an automated work process for captioning a catalog of over 1000 hours of video content
  - Create internal digital accessibility training material 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
  - 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
- Develop an introductory English/programming curriculum in the C language for non-native English speaking students
  - Lead supplemental workshops in specialized programming topics such as web design and portfolio building
  - Collaborate with student leaders to promote extracurricular English study

## Education

- 2020      **Interactive Telecommunications, Master of Professional Studies**  
*New York University, New York City*
- 2015      **Media Studies & Art Practice, Bachelor of Arts**  
*University of California, Berkeley, Berkeley*
- 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