



MICHELLE LAM

mochadroppe.me – (917) 667 1977 – m.lam@nyu.edu –  &  ML4963

EDUCATION

09. 2015 – 05. 2019

NYU SCHOOL OF ENGINEERING

BS in Computer Science

- Relevant Coursework: Operating Systems, Databases, Algorithms, Intro to Web Development, Data Structures & Algorithms, Object Oriented Programming, Intro to Programming & Problem Solving

PROJECTS

01. 2018 - PRESENT

NEOTRACKER – NodeJS, Express, SQL, ChartJS

- Creating an analytical application that monitors and visualizes an online community's activity by scraping message count on a daily basis
- Using SQL to store and retrieve information for verification or data aggregation purposes
- Visualizing the number of posts made on a daily basis with ChartJS to better moderator's understanding and analyzing of online community's performance

12. 2017

PRICOSHA – Python (Flask), JavaScript, SQL, Bootstrap, HTML/CSS

- Created a social networking platform that allows users to share content items among groups of people
- Designed database schema and made queries to a database in SQL
- Implemented UI in Photoshop and HTML/CSS

08. 2017

NEOIFY – JavaScript

- Extension that notifies user of when someone makes posts on an online community message board in JavaScript and jQuery
- Implemented a filter detection script that tracks and displays user input and highlights part that does not bypass the site filter system
- Used by 70% of online community population for better messaging user experience

EXPERIENCE

08. 2017 – PRESENT

SOFTWARE DEVELOPER

NYU IT – CAMPUS CODING COLLABORATIVE (C3)

- Creating a chat bot to answer students' questions about IT university services
- Using Express, Socket.io, Javascript and DialogFlow
- Deployed the Express application to Elastic Beanstalk
- Optimizing bot to respond to questions from a university population of 50,000+ NYU students and faculty members

09. 2016 – 09. 2017

INFRASTRUCTURE MEMBER

TECH@NYU

- Used ReactJS, AngularJS, Javascript, and CSS to expand and maintain Tech@NYU website
- Made calls to Tech@NYU API to enter and retrieve information for club activity attendance performance

06. 2017 – 08. 2017

IT USER INTERFACE INTERN

VANECK

- Automated company's QA process by creating command-line executable scripts in C# using Selenium that checks for data point values on the site and generates a log file
- Optimized site speed and load time up to 300% by creating CSS sprites with Photoshop and consolidating various CSS files

SKILLS

LANGUAGES / TOOLS:
DESIGN:

Python (Flask), JavaScript (Node.js, Express.js), C++, HTML/CSS, SQL
Photoshop, Illustrator