MICHELLE LAM

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EDUCATION

09. 2015 – 05. 2019   **NYU SCHOOL OF ENGINEERING**
BS in Computer Science
- <u>Relevant Coursework</u>: Databases (Fall 2017), Algorithms (Spring 2017), Computer Architecture (Spring 2017), Data Structures & Algorithms (Fall 2016), Object Oriented Programming (Spring 2016), Intro to Programming & Problem Solving (Fall 2015)

PROJECTS

08. 2017   **NEOIFY**
- A Google Chrome 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

02. 2017   **NYU GO**
HACK NYU
- Created a web app that charges a user's account balance by taking a picture of the barcode of the desired item for easy purchase
- Made a database in SQLite to store barcode info (i.e. price, item name, user account, user balance, etc) and helped connect it with a Flask framework

06. 2016   **FOODIFAI**
HACK NY
- Created an app that allows users to submit a photo of food from their library, taking a new photo or image's URL, which will then generate a list of nearby places that sell the food
- Coded the web application in Python using the Flask framework and aided with mobile app design

EXPERIENCE

09. 2016 – PRESENT   **INFRASTRUCTURE MEMBER**
TECH@NYU
- Working with AngularJS, Javascript, and CSS to maintain Tech@NYU website and existing API
- Creating forms to enter information in JSON to Tech@NYU API for logistics in memberships, events, etc

06. 2017 – 08. 2017   **SOFTWARE ENGINEERING INTERN**
ACHIEVABLE
- Creating a tool with NodeJS to dynamically generated multiple choice, fill in the blanks questions based on information or material being fed to it

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 by creating CSS sprites with Photoshop and consolidating various CSS files

SKILLS

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