# MICHELLE LAM

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**EDUCATION**

**NYU SCHOOL OF ENGINEERING(BROOKLYN, NY)**                 **SEPT 2015-MAY 2019**
<u>Major</u>: B.S. Computer Science
<u>Relevant coursework</u>: Data Structures & Algorithms (Fall 2016), Discrete Math (Fall 2016), Object Oriented Programming (Spring 2016), Intro to Programming & Problem Solving (Fall 2015)

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**PROJECTS**

**NYU GO**                                                                 **FEB 2017**
**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
- Made a database in SQLite to store barcode info (ie. price, item name, user account, user balance, etc) and helped connect it with a Flask framework

**ALERTIFY**                                                               **JUN 2016**
**WE HACK TOO**
- Placed third in a presentation competition for a product that is meant to empower and build local/global communities
- Helped create the logo in Photoshop and coded the application in Python, using the Kivy framework
- Prepared, developed and pitched a business model and go-to-market strategy to a group of professional business and tech leaders

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

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**EXPERIENCE**

**SOFTWARE ENGINEERING INTERN**                              **JUN 2017-PRESENT**
**ACHIEVABLE**
- Creating a tool with NodeJs to dynamically generate multiple choice, fill in the blanks questions based on information or material being fed to it

**IT USER INTERFACE INTERN**                                 **JUN 2017-PRESENT**
**VANECK**
- Automating company's QA process by creating scripts in C# using Selenium that checks for data point values on the site and generates a file that details whether values match those in the company's database
- Optimizing site speed and load time by creating CSS sprites with Photoshop and consolidating various CSS files

**ORGANIZER, BRANDING**                                      **JUL 2016-PRESENT**
**SOCIAL HACKS**
- Collaborated with a team to reach out to companies and organized a student-run hackathon
- Coded and designed website with HTML/CSS/Boostrap and Photoshop

**INFRASTRUCTURE MEMBER**                                    **SEPT 2016 – PRESENT**
**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

**WEB DESIGN CHAIR**                                         **FEB 2017-PRESENT**
**SASE NYU**
- Redesigned SASE website while maintaining website brand messaging and theme
- Implementing designed features, such as members and home page, in HTML/CSS and Bootstrap

**WEB DESIGN INTERN**                                        **SEPT 2016-DEC 2016**
**INTERNSTREET.IN**
- Improved company's website UI and code while maintaining company's and site's theme
- Created website mockups with Photoshop and coded pages in HTML/CSS/Bootstrap

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**SKILLS**

**LANGUAGES**: C++, Python, Javascript, HTML/CSS          **DESIGN:** Adobe Photoshop, Illustrator
**FRAMEWORKS:** Flask, Express                            **TOOLS**: Node, NPM