

# MICHELLE LAM

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## EDUCATION

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### NYU TANDON SCHOOL OF ENGINEERING | BS IN COMPUTER SCIENCE

09. 2015 – 05. 2019

- Relevant Coursework: Full Stack Web Development (Fall 2018), Software Engineering, Info Visualization, Operating Systems, Databases, Algorithms, Data Structures & Algorithms, Object-Oriented Programming

## EXPERIENCE

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### SOFTWARE ENGINEERING INTERN | BLUE APRON

06. 2018 – 08. 2018

- Added EmberJS functionalities to company's internal tools that creates better transparency to company stakeholders for company choices
- Created real time email notifications with Ruby on Rails to notify company stakeholders of choices and changes made within the company product effectively and efficiently

### SOFTWARE DEVELOPER | NYU OPERATIONS TECHNOLOGY SERVICES & SUPPORT

08. 2017 – 08. 2018

- Set up OpenID Connect OAuth 2.0 authentication system for logging in users and obtaining user information
- Optimizing chat bot to respond to questions from a university population of 50,000+ NYU students and faculty members
- Deployed the Express application to Elastic Beanstalk in NodeJS

### INFRASTRUCTURE MEMBER | TECH@NYU

09. 2016 – 09. 2017

- Used ReactJS, AngularJS, JavaScript, and CSS to expand and maintain Tech@NYU website
- Made calls to Tech@NYU API to enter and retrieve information about attendance and performance of various activities hosted by the club

### IT USER INTERFACE INTERN | VANECK

06. 2017 – 08. 2017

- 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 log files
- Optimized site speed and load time up to 300% by creating CSS sprites with Photoshop and consolidating various CSS files

## PROJECTS

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### MATTER BOT | PYTHON (FLASK), SQL

07. 2018

- A chat bot that queries Blue Apron associates for suggestions to improve the company, empowering associates with the ability to communicate their ideas directly with other company employees
- Created database schema in SQL, worked on conversation flow with Twilio API, and integrated Slack and Google Sheets API to store and send the content of text messages

### NEOTRACKER | NODEJS, EXPRESS, SQL, CHARTJS

01. 2018 – 03. 2018

- An analytical application that monitors and visualizes an online community's activity by scraping message count daily
- 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

### PRICOSHA | PYTHON(FLASK), JAVASCRIPT, SQL, BOOTSTRAP, HTML/CSS

11. 2017 – 12. 2017

- 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 through application functionalities
- Coded various application functionalities (ie. authentication, creating post, etc) in Flask framework and designed UI in HTML/CSS

## SKILLS

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LANGUAGES/TOOLS: Python (Flask), JavaScript (NodeJS, ExpressJS), C++, HTML/CSS, SQL  
DESIGN: Photoshop, Illustrator