MICHELLE LAM

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SKILLS

LANGUAGES: Python, JavaScript, C++, HTML/CSS, SQL
TOOLS: Flask, Node.js, Express.js

EXPERIENCE

SOFTWARE ENGINEERING INTERN | BLUE APRON
06. 2018 – 08. 2018
- Added functionalities using Ember.js to company's internal tools that creates better transparency for company stakeholders
- 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
- Optimized 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 Node.js

INFRASTRUCTURE MEMBER | TECH@NYU
09. 2016 – 09. 2017
- Used React, AngularJS, JavaScript, and CSS to expand and maintain Tech@NYU website
- Used 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 by up to 300% by creating CSS sprites with Photoshop and consolidating various CSS files

PROJECTS

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
- Used SQL to store and retrieve information for verification or data aggregation purposes
- Visualized the number of posts made on a daily basis with Chart.js to improve moderator's understanding and analysis of online community's performance

PRICOSHA | PYTHON (FLASK), JAVASCRIPT, SQL, HTML/CSS
11. 2017 – 12. 2017
- A social networking platform that allows users to share content items among groups of people
- Designed and implemented a user database that managed user authentication, and content storage
- Coded various application functionalities (ie. authentication, post creation, etc) in Flask framework

EDUCATION

NYU TANDON SCHOOL OF ENGINEERING | BS IN COMPUTER SCIENCE
09. 2015 – 05. 2019
- Relevant Coursework: Full Stack Web Development, Software Engineering, Info Visualization, Operating Systems, Databases, Algorithms, Data Structures & Algorithms, Object-oriented Programming