Michelle Lam

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Skills

Languages: Ruby, Python, JavaScript, HTML/CSS, SQL

Tools/Frameworks: Rails, Flask, Node.js, Express.js, React, AngularJS

Experience

Software Engineer

07. 2019 → Present

Teachable

- Ensured the accuracy and timeliness of payments to over 14,000 monthly users by designing a system in Ruby to generate insights and identify potential issues
- Redesigned and overhauled various React components in the payment set up application, simplifying user experience and reducing potential for human errors
- Implemented new integrations with the Stripe API for school plan upgrade workflows, providing significantly greater transparency in our payment model to our customers
- Initiated weekly meetups to promote the sharing of knowledge and technical expertise among engineers across the company

Software Engineering Intern

 $06.2018 \rightarrow 08.2018$

Blue Apron

- Introduced new recipe classification system in internal Ember.js application to streamline the development of new meal recipes and better cater ideas to developing trends
- Migrated process of notifying product changes through email exchanges to sending real time email notifications on an hourly basis in Ruby on Rails

Software Developer

NYU Operations Technology Services & Support

 $08.2017 \rightarrow 08.2018$

- Set up OpenID Connect OAuth 2.0 system for authenticating 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

IT User Interface Intern

VanEck

 $06.2017 \rightarrow 08.2017$

- Automated company's QA process by creating command-line executable scripts in C# using Selenium to check for data point discrepancies and generate reports accordingly
- Optimized site speed and load time by up to 300% by creating CSS sprites with Photoshop and consolidating various CSS files

Education

NYU Tandon School of Engineering

09. $2015 \rightarrow 05.2019$

B.S. in Computer Science

 <u>Relevant Coursework</u>: Full Stack Web Development, Software Engineering, Info Visualization, Operating Systems, Databases, Algorithms, Data Structures & Algorithms, Object-oriented Programming