

MICHAEL LI

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EDUCATION

Columbia University

Expected May 2022

Bachelor of Science in Computer Science • Minor: Economics

- **Honors:** Dean's List (Fall 2018 – Present)
- **Relevant Coursework:** *Advanced Programming, Data Structures in Java, Linear Algebra, Python, Discrete Math, Probability and Statistics, Databases, Computer Networks, Computer Systems*

The Hotchkiss School

August 2015 – May 2018

- First Honor Roll: Spring 2016 – Spring 2018

EXPERIENCE

BNY Mellon, New York City, New York

June 2020 – August 2020

Technology Summer Analyst

- Built a rules repository data module from the ground up using Java and Maven to unify datasets and standardize all business rules, arming stakeholders with a consistent view of data and confidence in verified information.
- Deployed rules repository to data lake, increasing data consumption and distribution speeds from once-a-day to near real-time. This creates more impactful business decisions informed by the latest available information.
- Greatly reduced need for costly downstream data repairs by creating an automated workflow that handles all data extraction and processing at information source with ability for bulk data imports and exports.

Columbia DVMM Lab, New York City, New York

June 2019 – August 2019

Researcher Assistant

- Raised journalistic integrity by equipping journalists with a trained machine learning tool to detect and classify hate symbols previously undetected or unknown in published work.
- Implemented solution to identify model weaknesses by extracting model precision and accuracy using the TensorFlow object detection API in python scripts.
- Increased available training data by 10x with automation of synthetic data creation using Python Imaging Library.
- Helped develop preliminary web-app with flask and docker for proof of concept demonstration purposes.

Uncubed, New York City, New York

January 2019 – April 2019

Technical Recruiting Intern

- Worked with top technology companies and connected with engineering managers to deliver high performing candidates for niche and high demanding roles.
- Optimized recruiting pipelines by collaborating with leadership and building extra functionalities for internal tools.
- Proactively identified a problem in an essential tool and created a solution that increased user responsiveness by 50%.

LEADERSHIP & PROJECTS

Columbia Daily Spectator

September 2019 – February 2020

Associate Product Engineer

- Used React, HTML, JavaScript, and CSS to migrate Columbia's largest digital news publication onto a new tech stack.
- Created responsive components be implemented and reused across the website.

Columbia Chinese Students Club

September 2018 – June 2020

- Led the annual Night Market event, one of Columbia's largest student-run event with over 1000+ students attending.
- Managed logistics and a budget of \$7000, as well as coordination with 50+ student groups and outside vendors.
- Spearheaded effort to find additional revenue streams, leading to the first year with a budget surplus.

SKILLS AND INTERESTS

- Languages: English (native), Mandarin (fluent)
- Technologies: Python, Java, C, MySQL, React, HTML, CSS, Unix, Maven, Git, Github, Tibco EBX, Jenkins, JIRA, Microsoft Office Suite, Google Suite
- Interests: Soccer, Tennis, Football, Guitar, Cooking, Board Games