

# Mike Lee

SOFTWARE ENGINEER

Astoria, New York

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## Technical Skills

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**Programming** Python · NodeJS · Bash

**Database** MongoDB · SQL

**Web** React · Express · Flask · Scrapy · Selenium · HTML/CSS · Git/Github

## Experience

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### YWAM Converge

New York, NY

VOLUNTEER SOFTWARE ENGINEER

Feb 2020 - Present

- Automate parallel UI testing for the current and the new Spanish websites by integrating Selenium and PyTest
- Develop an automatic reporting structure that either sends an email or displays an HTML page as a result
- Coordinate with a Scrum master to become familiar with the agile development process

### Protect PT

New York, NY

VOLUNTEER SOFTWARE ENGINEER

Feb 2020 - Apr 2020

- Accelerated the website loading by 55% by analyzing HTTP traffic and reorganizing the structure accordingly
- Reviewed the JavaScript code provided by a third-party and identified parts of the code that were not being used
- Improved SEO for the client's sister website, Promote PT, such that it lands on the first page of the search results

### Byte Academy

New York, NY

STUDENT

May 2018 - Aug 2018

- Completed a 14-week program covering full-stack web development with Python, Flask, and SQL

### J.P. Morgan Asset Management

New York, NY

ANALYST

Jan 2013 - Dec 2015

- Conducted consultative reviews of financial advisor investment line-ups to improve risk-adjusted performance and further diversify portfolios based on the market outlook
- Spearheaded the quarterly data validation & update for the Target Date Compass, an online GUI for financial advisors to compare and monitor target-date (retirement) solutions
- Created an Excel model that breaks down monthly flows & assets data from institutional clients, automatically converting enigmatic raw data into summarized results

## Projects

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### Yelp Heavy

[bit.do/yelp-heavy](https://bit.do/yelp-heavy)

EXPRESS, MONGODB, NODEJS & SCRAPY

- Provides rankings of the restaurants in New York City, taking both positive and negative Yelp reviews into account
- Allows filtering by cuisine, review count & price range and includes links to Google Maps vs. Yelp's proprietary map

### Relative Horoscope

[bit.do/relative-horoscope](https://bit.do/relative-horoscope)

FLASK, JINJA, SENTIMENT ANALYSIS & API INTEGRATION

- Scans the daily horoscope and converts it into a numeric score using sentiment analysis
- Updates the horoscope, score & ranking on a daily basis for each zodiac sign

## Education

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### Emory University, Goizueta Business School

Atlanta, GA

B.B.A., FINANCE & ANALYTICAL CONSULTING

Aug 2008 - Dec 2012