

JIAYUE (JOSIE) ZHANG

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[linkedin.com/in/josie-zhang](https://www.linkedin.com/in/josie-zhang) | github.com/jiayuezhang84 | [GHC](#) Attendee 2023

EDUCATION

[Northeastern University, Khoury College of Computer Sciences](#) Boston, MA
Master of Science in Computer Science Expected Graduation: May 2025
[Rutgers University, Rutgers Business School](#) New Brunswick, NJ
Bachelor of Science in Finance and Accounting May 2021

WORK EXPERIENCE

[Echelon Advisors, LLC](#) New York, NY
Senior Tax Associate January 2021 - April 2023

- Prepared tax returns for high net-worth (\$1B+) individuals, hedge funds, and [private equities](#) (corporations/partnerships/foundations totaling \$31B+).
- Optimized clients' tax strategies by computing tax projections with complex formulas using Python, Visual Basic, and SQL.

SKILLS

Programming Languages: Python, JavaScript, HTML, Java
Tools Used: Database APIs (AWS, MongoDB), Git

PERSONAL CODING PROJECTS

[US Federal Tax Estimator](#) Language: Python

- [Tkinter](#) GUI for estimating users' US federal taxes owed using estimated income and filing statuses.

[Currency Converter](#) Language: Python

- [Tkinter](#) GUI for converting currencies via scraped real-time foreign exchange rates using [Beautiful Soup](#)

Interactive Web-based Stock Analysis and Prediction Language: Python, R, HTML

- Scraped stock prices with Python Pandas and plotted to candlestick charts with Bokeh Quadrants.
- Utilized R for time series analysis and made predictions for future stock prices.
- Embedded Bokeh charts and predictions in a Flask webpage and deployed it to a live server.

LEADERSHIP/VOLUNTEERING

Rutgers Business School International Students Ambassador February 2020 - June 2020

- Performed statistical analysis and visualizations on historical freshmen academic data (*SAT*, *TOEFL*, *GPA*, etc.) to assist admissions officers in improving enrollment rates.
- Developed calling scripts for answering incoming students' questions.

International Student Orientation Volunteer May 2019 - September 2021

- Team leader of Banking and Budgeting group. Introduced bank information and budgeting advice to 1700+ new international students.