

Jacob Kulik

238 Bay 23rd St, Brooklyn, NY 11214 • [linkedin.com/in/jacob-kulik/](https://www.linkedin.com/in/jacob-kulik/) • github.com/kulikj • kulikj.com
(718) 308-6160 • kulik.j@northeastern.edu

Education

Khoury College of Computer Sciences, Northeastern University, Boston, MA May 2025
Candidate for Combined Major in Data Science and Business Administration | Concentration in Finance | *GPA: 3.97/4.00*
Relevant Coursework: Adv. Programming w/ Data (Python), Database Design (SQL), Copenhagen Business School - Investments

Brooklyn Technical High School, Brooklyn, NY June 2021
Applied Mathematics Major | James E. Casey Scholarship 2021 | 2nd Place NY Chess Team 2019 | *Weighted GPA: 100.06/100*

Work Experience

Khoury College of Computer Sciences, *Data Science Undergraduate Teaching Assistant*, Boston, MA January 2022 – Present

- Facilitate discussion through weekly office hours and Piazza threads for 500 students in DS2000: Programming with Data
- Assist 20 students in section of business practicum, grade and provide individualized feedback on homework and projects

Chess.com, *Partner Twitch Streamer*, Remote August 2021 – Present

- Launched own show as one of few college-aged streamers in partner program aimed at growing chess's popularity online
- Host Chess.com/tv programs for thousands of viewers, creating content that is promoted on Chess.com site
- Organize dozens of viewer tournaments with over 1k total participants and interactive lessons on various openings

Twitch, *Chess Streamer*, Remote November 2020 – Present

- Develop educational channel, focusing on Blitz and Bullet chess, with over 2.1k followers and 400k total views
- Produce video content, consistently rank in the top 50 English chess channels on the site for viewership and growth
- Raised over \$1500 for non-profit organization Chess in the Schools through payout donations over the course of 8 months

DATA Initiative Research Lab, *Data Analyst Consultant*, Boston, MA December 2021 – May 2022

- Served as client relationship manager in team of 4 lab students for Hub App, a global event-planning mobile app
- Analyzed behavior of users' final action in app, utilizing Pandas DataFrames in Python with live analytics MySQL databases
- Presented CTO with approach for UI/UX designs centralized around growth among target college student market

Leadership Experience

Disrupt - The FinTech Initiative, *VP (Finnovate Co-Director)*, Spring 2022), Boston, MA December 2021 - Present

- Lead over 900+ general members and executive board of 22 students in technology, events, and marketing sub-committees
- Develop and teach 3-part Python workshop series covering Pandas library and Yahoo! Finance API for 150+ total students
- Restructure curriculum for 8-week FinTech venture-building program to funnel directly into venture accelerator IDEA
- Lead marketing initiative utilizing graphic design and public speaking, directly leading to a 30% increase in applicants
- Coordinated engaging technical workshops, resulting in a 25% increase in venture pitches from the 62-student cohort

Shorefront YM-YWHA, *After School Center Teacher*, Brooklyn, NY December 2019 – March 2020

- Created weekly chess class for 2nd graders focused on sportsmanship, sourcing an engaging curriculum from chess resources
- Promoted student collaboration through cooperative assignments, group quizzes, and supervised matches

Projects

Programming Language Predictor March 2022 - April 2022

- Tokenized GitHub Repository code snippets with Regex and TF-IDF to train a Multinomial Naive Bayes Classifier
- Launched machine learning model on Heroku with Python framework Flask to predict programming language of user input

Company Success and Executive Compensation Analysis December 2021 - January 2022

- Evaluated correlation between increase in the success of a company and the compensation for top executives with Python
- Wrangled stock data for over 500 companies using Pandas library on Compustat and CRSP databases

Additional Information

Additional Activities: Dean's List, Disrupt Finnovate Program (Finalist), TAMID Group, Collegiate Chess League Division 3 Champion (NEU A Board 1), Chess Club (Event Coordinator), Intramural Chess (Champion), Chess.com Ambassador, Hillel

Technical Skills: Proficient in Python, NumPy, Plotly, Scikit-learn, Pandas, Github, MySQL, Photoshop, Adobe Premiere Pro

Language Skills: Fluent in Russian

Interests: Soccer, Stair Climbing, Fantasy Premier League, Cycling, Billiards, Emerging Technologies