Jacob Kulik

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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*: 4.00/4.00
Relevant Coursework: Intermediate Programming with Data (Python), Discrete Structures, Financial Management, Business Stats

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

DATA Initiative Research Lab, *Data Analyst Consultant*, Northeastern University, Boston, MA   January 2022 – Present
- Consult with Hub App, a global event-planning mobile app, serving as client relationship manager in team of 4 lab students
- Analyze behavior of user's final action in app, utilizing Pandas dataframes in Python with live analytical MySQL databases

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 300 students in DS2000: Programming with Data
- Assist Prof. Shun-Yang Lee in section of business practicum DS2001, grade and provide feedback on homework

Chess.com, *Partner Twitch Streamer*   August 2021 – Present
- Selected as one of few college-aged streamers in competitive partner program aimed at growing chess's popularity online
- Organize dozens of viewer tournaments with over 1k total participants and interactive lessons on various openings
- Host Chess.com/tv programs for thousands of viewers, creating content that was promoted on Chess.com site

Twitch, *Chess Streamer*   November 2020 – Present
- Develop educational channel, focusing on blitz and bullet chess, with over 2.1k followers and 400k total views
- Consistently ranked 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

Marks Jewish Community House of Bensonhurst, *Inclusion Counselor*, Brooklyn, NY   July 2021 – August 2021
- Provided one-on-one supervision and assistance for a disabled camper and fostered inclusivity in camp group activities
- Organized field games, coordinated science workshops, and ensured camper safety at the campground

Leadership Experience

Disrupt - The FinTech Initiative, *Co-Director of Finnovate*, Northeastern University, Boston, MA   December 2021 – Present
- Restructured curriculum for 8-week FinTech venture-building program to funnel directly into venture accelerator IDEA
- Headed marketing strategy utilizing graphic design and public speaking, directly leading to a 30% increase in applicants
- Coordinated engaging technical workshops, leading to a 25% increase in final venture pitches from a total of 52 students

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

Chess Team, *President*, Brooklyn Technical High School, Brooklyn, NY   September 2017 – June 2021
- Co-hosted free, student-run, USCF-recognized rapid chess tournament with 2 sections and 50+ participants

Projects

Programming Language Predictor   March 2022 - April 2022
- Utilized sklearn library to vectorize values of GitHub repo dataset, employed multinomial Bayes classifier to build algorithm
- Launched machine learning model on Heroku using 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

Additional Information

Additional Activities: Disrupt Finnovate Program (Finalist), Collegiate Chess League (Northeastern A Board 1), Chess Club (Event Coordinator), Northeastern Intramural Chess (Champion), Hillel (First Year Committee)
Technical Skills: Proficient in Python, Pandas Library, Microsoft Office Suite, Streamlabs OBS, Photoshop, Adobe Premiere Pro
Language Skills: Fluent in Russian
Interests: Finance, emerging technologies, chess, soccer, cycling