

SHELLI GOROKHOVSKY

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EDUCATION

Boston University, Boston, MA

Bachelor of Arts in Computer Science

Minor: Business Administration

January 2022

Bard College, New York, NY

Associate of Arts Degree (obtained as part of Bard High School Early College program)

June 2018

ACADEMIC & PERSONAL PROJECTS

Physical Disorders in Cities

Machine Learning Practicum

January 2021 - April 2021

- Developed a machine learning model to help identify vacant lots given satellite images in effort to restore city environments and reduce gun violence. Worked directly with Dr. Jonathan Jay of BU School of Public Health.

Mijente x BU Spark!

Computational Tools for Data Science, BU CAS CS506

January 2021 - April 2021

- Implemented data science tools to understand the relationship between police disciplinary action and political contributions.

Amazon Raise-Up Buildathon

Winner for Best in Nonprofit Fundraising

June 2020 - July 2020

- Built a platform that connects nonprofit organizations with relevant social media influencers, as well as sponsors, to create meaningful partnerships and fundraising campaigns. Collaborated remotely with a team of 6 international developers.
- Collected and analyzed data using public APIs and implemented matching algorithms for the final product.

WORK EXPERIENCE

Amazon, New York, New York

June 2022 - Present

Software Development Engineer, Amazon Advertising (Podcast Ads and Twitch Ads)

- Collaborated with partner teams to implement changes in their codebases, including within their mobile and web applications.
- Ensured the reliability and robustness of critical systems by actively participating in the team's on-call rotation.
- Mentored an intern as an onboarding buddy, providing guidance and support to ensure their integration into the team.
- Owned the design and development of a newly launched feature enabling additional customization of ad-reach.

BU Spark!, Boston University College of Computing and Data Science

Data Science Project Manager - XCC410 Justice Media Co-Lab

August 2021 - December 2021

- Guided three student groups in separate data-driven journalism projects done for prominent media platforms in Boston.

Data Science Intern - NAACP Boston

August 2021 - December 2021

- Worked on an ongoing project regarding media bias. Performed topic modeling and sentiment analysis on a large dataset.

Amazon Web Services, Seattle, Washington

June 2021 - August 2021

Software Development Engineer Intern

- Researched and designed a new service for the Amazon Lex dataplane team, implementing agile development and SCRUM.
- Programmed and later presented the new service which used multithreading and AWS tools including S3, Lambda, and Kinesis.

Say Mine Technologies, Tel Aviv, Israel

June 2020 - December 2020

Data Science Intern

- Worked on a multi-label classification problem using supervised machine learning methods for natural language processing to implement new functionality in the product. This includes data tagging, adding new labels, training, and benchmarking.
- Experimented with several different unsupervised learning models to understand the impact of deep neural networks.

LEADERSHIP EXPERIENCE

TAMID Group, Boston University, Boston, MA

President

December 2020 - December 2021

- Oversaw a reputable student organization with over 90 active members in four tracks: tech consulting, business consulting, investment fund, and education. Recruited over 50 new members during presidency and led general and board meetings weekly.

Director of Technology

May 2020 - December 2020

- Led a group of students with a range of technical experience in a data science and ML project for a start-up tech company.
- Prepared computer science education materials and led knowledge sharing sessions to teach project-related technical skills.

ADDITIONAL INFORMATION

Skills: Object Oriented Programming, AWS, Full-Stack Development, Machine Learning, API, Algorithms, Data Science, Data Processing, NumPy, Pandas, Scikit-Learn, Seaborn, Leadership, Collaboration

Programming Languages: Python, Java, Kotlin, Swift, JavaScript/TypeScript, React, SQL, Objective-C

Spoken Languages: English (Native), Russian (Native), Hebrew (Beginner)

Interests: Ballroom Dancing, Cooking, Hiking, Photography, Psychology, Reading, Traveling, Yoga