

# SHELLI GOROKHOVSKY

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## EDUCATION

**Boston University**, Boston, MA

Bachelor of Arts in Computer Science

Minor: Business Administration

December 2021

Cumulative GPA: 3.42

**Bard College**, New York, NY

Associate of Arts Degree

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 using **PostgreSQL, Strapi, and AWS** including services like Amplify and RDS.

## WORK EXPERIENCE

**Amazon Web Services**, Seattle, Washington

June 2021 - August 2021

*Software Development Engineer Intern*

- Designing and implementing a new service for the Amazon Lex dataplane team.

**Say Mine Technologies**, Tel Aviv, Israel

June 2020 - August 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.

**Hela Health**

January 2020 - May 2020

*Business Consultant*

- Worked on a student team to perform competitive landscaping and branding for a developing health-tech startup company.

## LEADERSHIP EXPERIENCE

**TAMID Group**, Boston University, Boston, MA

*President*

December 2020 - Present

- Overseeing a reputable student organization with over 90 active members in four tracks: tech consulting, business consulting, investment fund, and education.
- Leading weekly general meetings and executive board meetings.

*Director of Technology*

May 2020 - December 2020

- Led a group of 8 students in a data science project for a start-up tech company.
- Prepared computer science education materials and teaching necessary technical skills to less experienced programmers.

**BUSI**, Boston University, Boston, MA

*Executive Board Member*

December 2018 - Present

**Cafe Ivrit**, Boston University Hillel, Boston, MA

*Founder*

October 2018 - Present

- Established student organization to develop conversational Hebrew skills in a casual setting taught by fluent speakers.

## ADDITIONAL INFORMATION

Skills: Object Oriented Programming, Machine Learning, API, Algorithms, Leadership, Collaboration, Data Science, Data Processing, NumPy, Pandas, Scikit-Learn, Seaborn, AWS, Microsoft Suite, Adobe Suite

Courses: Foundations of Data Science, Computational Tools for Data Science, Intro to Artificial Intelligence, Machine Learning Practicum, Data Structures, Geometric Algorithms, Combinatoric Structures, Computer Systems, Leading Organizations, Statistics, Probability in Computing

Programming Languages: Python, SQL, Java, C, OCaml

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

Interests: Ballroom Dancing, Hiking, Photography, Plant-Based Cooking, Psychology, Traveling