

LEYLI ATAJOVA

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EDUCATION

Brooklyn Latin School, Brooklyn, NY

Expected June 2026

GPA: 98.33/100

RockHill High School, Frisco, Texas

August 2022-May 2023

GPA (Unweighted): 4.0/ 4.0

EXPERIENCES

NASA Aviation Concept Design

Summer Intern (June. 2024- Aug. 2024)

- Led in-depth research, under expert mentorship, to analyze and address the decline in airship usage.
- Simulated an optimal pathfinder for airships using the A* algorithm for hazardous weather.
- Co-authored and contributed key insights to a comprehensive report, submitted for publication by NASA STI.
- Delivered a presentation of research findings to NASA officials, highlighting the team's proposal for airship usage.

Sci-Tech Discovery Center, Frisco, Texas

Intern (June. 2023 - Sept. 2023)

- Developed an interactive app granted by If/Then to showcase the videographic features of multiple exhibits focused on increasing awareness and inclusivity of women in STEM using Java, XML, and Android Studio

EXTRA CURRICULURS

Computer Science Club

President (May.2024-Present)

Member (Oct.2023- May.2024)

- Enhanced website development expertise by learning back-end functionality using JavaScript.

Junior Academy of the New York Academy of Sciences

Mentee (Mar.2023-Present)

- Collaborated with a team to address cybersecurity challenges and reduce the potential risks associated with the technical world, conducting technically and physiological research to protect kids and adults.
- Contributed to the development of a website and successfully designed and implemented three Natural Language Processing (NLP) algorithms. These algorithms can accurately predict harmful intent in text or pre-recorded audio.

1000 Girls 1000 Futures of the New York Academy of Sciences

Mentee (Mar. 2023-Present)

- Engaged in a collaborative research project focused on impactful women in STEM from the past and present, working alongside a diverse group of girls from around the world.

Kode with Klossy

Summer Intern (July - August 2023)

- Constructed SQL queries and expanded my prior Python knowledge for essential data science tasks.
- Learned and applied data cleaning and data manipulation techniques to ensure accuracy in datasets.
- Gained a further understanding of data visualization.
- Utilized the skills with a small group to construct research about underfunded cancers and demonstrated it by cleaning datasets and producing a variety of data visualizations.

Girls Who Code: Summer Immersion Program (SIP)

Summer Intern (July 2023)

- Learned how to program in JavaScript using the p5.js library successfully.
- Developed interactive projects, including an avatar with mouse-controlled animations, a "choose your own adventure game" with multiple screens and sprites, and a "collection style game" with keyboard interaction and score tracking.

- Participated in "Girls Who Code Tech Spotlight" to learn about prominent women in STEM and collaborated with diverse young women in STEM to solve daily coding challenges.

VOLUNTEERING

Turkmen School, Brooklyn, New York

Teacher Assistant (Oct.2023-present)

- Supported students in learning traditional poems and dances, fostering a deeper connection to their heritage.
- Guided students in hands-on activities, including traditional crafts such as bracelet making and knitting, to preserve and pass down valuable cultural skills.

Sci-tech Discovery Center, Frisco, Texas

Intern (Feb.2023-May.2023)

- Provided guidance and support to children participating in activities such as programming and working with circuits, making artwork using coding, soldering, and many more activities due to the new activities introduced each month.
- Organized community-wide special events, including Engineers Week, a music event celebrating the month of music, a bubble event, and other STEM-related occasions to engage and inspire children and adolescent

SKILLS

- Java
- Python
- CSS
- HTML
- Javascript
- XML