

# Alyssa Meczowska

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## EDUCATION

### ST. JOHN'S UNIVERSITY, Jamaica, NY

Expected May 2026

*Bachelor of Science, Computer Science*

- GPA: 4.0, Dean's List
- Relevant Coursework: Advanced Data Structures, Database Management Systems, Software Design Methods
- Association for Computing Machinery (ACM) Student Chapter Member

### STUYVESANT HIGH SCHOOL, New York, NY

Graduated June 2021

- GPA: 3.3
- Japanese National Honor Society

## EXPERIENCE

### VÁZQUEZ GROUP, Jamaica, NY

March 2025–Present

*Cheminformatics and Machine Learning Researcher*

- Support clustering analysis to identify meaningful molecular groupings
- Apply machine learning and large language models to cheminformatics
- Use Vim and the terminal for Python coding, data analysis, and workflow automation

### UNIVERSITY LEARNING COMMONS, Jamaica, NY

October 2024–Present

*Computer Science and Math Tutor*

- Meet with students individually or in small groups to provide academic assistance
- Establish relationships with students and serve as a resource for other campus support
- Create social media content to guide students academically

October 2024–Present

### STUDENT TECHNOLOGY GOVERNANCE, Jamaica, NY

*Group Member*

- Advocate for technology integration in student services and academic programs
- Collaborate with faculty and administration to evaluate technology on campus

### JUNIOR BOOKKEEPER, New York, NY

August 2023–Present

- Perform monthly bank and credit card account reconciliations
- Record bi-monthly payroll entries to the general ledger
- Obtain customer sales detail to record sales deposits in the general ledger

### STAR LEARNING CENTER, New York, NY

October 2019–June 2020

*Volunteer Geometry and Biology Tutor*

- Tutored high school students one-on-one in person and virtually during COVID
- Prepared students for tests by identifying and improving development areas
- Created practice problems based on specific subject matter

### SOPHIE DAVIS SCHOOL OF BIOMEDICAL EDUCATION, New York, NY

October 2019-June 2020

*Health Professions Recruitment and Exposure Program (HPREP) Student*

- Engaged in mentorship, medical lectures, and clinical skills training
- Visited the Gross Anatomy Lab and gained early exposure to medical school admissions

## ADDITIONAL SKILLS

- Java, SQL, Python, JavaScript, TypeScript, HTML, CSS
- Microsoft Office: Word, PowerPoint, Excel, Outlook
- MySQL Workbench, QuickBooks