Alyssa Meczkowska

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EDUCATION

ST. JOHN'S UNIVERSITY, New York, 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, New York, 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, New York, 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

STUDENT TECHNOLOGY GOVERNANCE, New York, NY   *October 2024–Present*
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