

Shawn Nosikovsky

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SUMMARY AND SKILLS

A Computer Science Major at LIU Brooklyn, well-versed in C++, Python, Git, Java, SQL, HTML, and CSS with strong fundamentals in quality assurance engineering and enterprise asset management; great hands-on technical skills, and proficient in many aspects of Atlassian systems software. Highly experienced in several Microsoft Office suites such as Excel and PowerPoint. Proficient in basic information database management and oversight. Excellent oral and written communication and social relations skills. Professional fluency in Russian.

EDUCATION

Long Island University Brooklyn

Brooklyn, New York

B.S. in Computer Science

Graduation: May 2025

Honors: LIU Dean's List [3.9 GPA], Deans Scholar and Entrepreneurship Fellows

Relevant Coursework: Object-Oriented Programming I and II, Computer Architecture, Data Structures and Algorithms, Discrete Structures and Mathematics, Operating Systems, Database Systems, Big Data Computing, Introduction to AI, Business Information Systems, Business Analytics, Managerial Communications

2021-2022: CUNY College of Staten Island College Now Program

PROFESSIONAL EXPERIENCE

Metropolitan Transit Authority

Manhattan, New York

Quality Assurance Co-Lead/Team Member - Enterprise Asset Management

June 2024 - May 2025

- Employing quality assurance engineering by running and modifying testing scripts for several MTA departments
- Developing and testing tickets in Jira through DevOps and HxGN software to supplement data team progress
- Documenting and revising MTA data through Microsoft Excel within the Enterprise Asset Management - Department of Subways (DOS) team
- Mentoring and working with oncoming interns about the usage of Atlassian and DevOps software

Young Minds in Motion

Staten Island, New York

Presentation Developer

Summer 2021, 2022

- Implemented HTML and CSS principles for school website development
- Used a hash table database to update, monitor, modify, and maintain upkeep of student demographic data, ID numbers, and school success
- Was responsible for institution end-of-year project development through Microsoft Powerpoint
- Developed skills in photo editing and video editing for school promotional content

PROJECTS AND OUTSIDE EXPERIENCE

Metropolitan Transit Authority

Manhattan, New York

Signals EAM DOS Assistant DataLead

June 2024 - Present

- Lead the MTA Signals Sustainment Initiative project using the HxGN Production Environment, saving an estimated 1000+ hours of manual data gathering
- Developed an automation system using C++ that speeds up DevOps ticket processing data for HxGN Development environments fourfold, increasing overall data collection productivity

LIU Brooklyn

Brooklyn, New York

Artificial Intelligence Group

September 2023 - Present

- Co-developed a multi-modal body tracking fitness AI program using pre-trained Movenet Lightning and Thunder models while implementing advanced C++ and Python principles into AI development and machine learning