Serhii Kuzmin

serhii.kuzmin@scranton.edu | +1-570-335-0487 | linkedin.com/in/sersergious-dev | github.com/sersergious

Education

University of Scranton, Scranton, PA — Expected May 2026
B.S. in Computer Science and Mathematical Sciences — GPA: 3.86
- Dean's List: 6/6 semesters
- Honors Societies: Upsilon Pi Epsilon

Projects

Full-stack Group Chat Application — Sept 2024 – Dec 2024
- Designed and implemented a full-stack group chat application in C with client–server architecture and using Git and GitLab for collaboration.
- Deployed the server on an AWS instance running FreeBSD for optimized performance and reliability, utilizing Docker to ensure cross-platform compatibility among all client systems.

Personal Website — June 2025 – Present
- Developed a modern, responsive personal website using Next.js and Tailwind CSS with a custom MDX processor for rendering blogs, project summaries, and research descriptions.
- Configured Vercel for deployment and hosting, and Resend API for secure email communication.

Research Experience

Independent Guided Quantum Computing Exploration — Fall 2025 – Present
- Conducting an independent study on quantum algorithms and circuits under the guidance of professor.
- Developing proficiency in Qiskit and Python for quantum circuit design and simulation.
- Preparing a research proposal and poster presentation for the university's semester research fair.

Professinal Experience

Peer Tutor — Fall 2023–Present
University of Scranton, Office of Student Support and Success — *On Site*
- Tutored students in mathematics and computer science to help achieve academic goals.
- Improved students' average performance by 30% through customized study plans.
- Developed individualized study plans and mentoring strategies.

Work Study — Fall 2025–Present
University of Scranton — *On Site*
- Help promote the service of the office of Global Education by attracting on campus students to participating in various workshops and events
- Set up budget, spending and travel requests for the International Student's Club.

Leadership Experience

Student Government Senator — Fall 2024–Present
- Serve as a chair for the academic and scholastic initiatives and lead committee meetings and set agendas campus-wide.
- Serve as liaison between Student Government and the Office of Global Education. Successfully collaborated to implement the office's program requests fully.
- Advocate for student requests and present proposals for policy improvements.

President, International Students Club — Spring 2025–Present
- Manage club operations, coordinate leadership team, and plan meetings, events, and trips.
- Increase membership and promote engagement campus-wide.

Retreat Leader, Campus Ministries Office — Spring 2024–Present
- Help lead the outdoors retreats, collaborate with other team leaders to plan and improve the hiking retreats.
- Create promotional materials like videos, posters to aid in advertising retreats.

Technical Skills

Programming: Python, Java, C, Go, JavaScript, HTML/CSS
Tools: Qiskit, NumPy/SciPy, Git, Unix, GitHub/GitLab, Maple, Docker, AWS, Next.js, Node.js, React.js
Soft Skills: Public Speaking, Collaboration, Leadership, Problem-Solving, Critical Thinking, Active Learning, Resilience & Adaptability