

Elijah Farrell

Watertown, New York • (315) 804-0601 • farrellelijah@outlook.com • [Portfolio](#)

Computer Science graduate with hands-on experience in technical environments, from setting up systems to troubleshooting software and working on team-based projects. I enjoy solving problems, learning new tools, and staying involved in the practical side of tech. I'm looking for a role where I can keep growing my skills while contributing to real-world work that matters.

Experience

Research Assistant – Center for Safe and Secure AI Robotics (CESSAIR)

High Performance Computing & Distributed Systems Division

Feb 2025 – May 2025 | SUNY Polytechnic Institute

- Developed “BORGChat” in C++ and GTK4, a multi-agent AI conversation application simulating real-time LLM interactions, with human users able to control AI personalities and manage their placement within virtual rooms.
- Verified network connectivity for 30 Linux desktops, ensuring Ollama ran on localhost and devices could communicate.

Work Study Assistant - The Workplace

August 2021 - December 2021 | Watertown, NY 13601

- Performed general duties including facility support and janitorial tasks.
- Assisted with basic device troubleshooting and user setup when assigned.

Education

Bachelor's Degree in Computer Science | Graduated: May 2025

SUNY Polytechnic Institute - Utica, NY | GPA: 3.88 | Magna Cum Laude

Associate's Degree in Computer Science | Graduated: 2023

Jefferson Community College - Watertown, NY | Phi Theta Kappa Honor Society (2022-2023)

Relevant Courses

Operating Systems & Networking · Data Structures & Algorithms · Systems Analysis & Design · Object-Oriented Programming · Computing Fundamentals · Internet Tools · Information & Knowledge Management

Skills

Languages: Python, C/C++, Java, HTML/CSS, JavaScript, TypeScript

IT Support: Linux, Windows, macOS/Unix, system troubleshooting, scripting, networking (TCP/IP, DHCP, DNS), software installation, virtualization, basic system security

Soft Skills: Problem-solving, teamwork, customer service, written communication, research, GRIT