

# Elijah Farrell

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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++, a distributed multi-agent AI suite on 30+ NVIDIA Orin Nano devices simulating real-time LLM conversations for AI research.
- Built a GTK4 desktop interface supporting personality customization, session/context management, agent-to-agent conversations, and human interaction.

### 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