

Shaela Spring

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Objective

Looking for a RIT co-op opportunity for **Spring, Summer, and Fall of 2026** in a Computer Science related field to apply and grow my skills as a software developer.

Education

Computer Science - Rochester Institute of Technology - Combined Bachelor and Master of Science

GPA: 3.4/4.0

Experience

Teaching Assistant - Software Development - Rochester Institute of Technology

Rochester, NY

August 2025 - Present

- Supported instruction for a beginner-level software engineering course in Python
- Mentored students to help them understand processes of software engineering, developing skills such as **Python logic, syntax, unit testing, debugging, and the git workflow**
- Graded assignments and provided feedback on projects to help students improve code quality and software development skills

Information & Technology Services - Rochester Institute of Technology

Rochester, NY

August 2025 - Present

- Deciphered hardware issues for **Dell and Mac devices** using vendor parts and guides
- Diagnosed and repaired students' personal devices, including part sourcing for damaged hardware and servicing impacted devices
- Adhered to a strict **ServiceNow workflow** for efficient communication with team members

Information Technology Intern - Portville Central School

Portville, NY

Summers 2024 & 2025

- Imaged over 200 laptops using the **Microsoft Development Toolkit and Intune configuration management system**
- Repaired **Dell laptop and desktop** issues using vendor parts and guides
- Organized and coordinated assignments for all student technicians

Barista/Cook/Dishwasher - Myrge Cafe and Coffee House

Portville, NY

June 2021 – August 2025

- Prepared and served a variety of specialty beverages in a fast-paced, high-volume environment
- Trained new employees on preparation techniques and customer service protocols
- Worked with team members during peak hours to ensure quick service

Projects

Carrier Pigeon - C, Vim, Linux Terminal, Git

- Developed a POSIX style command line project management tool in C with plain text database
- Engineered a command-parsing system to process user input for creating, and updating tasks and projects directly from the terminal

[shaeespring/CarrierPigeon](https://github.com/shaeespring/CarrierPigeon)

Computer Science House - Go, Python, Problem Solving, Git, LaTeX

[shaeespring?org=CSH](https://github.com/shaeespring?org=CSH)

- Managed diverse web applications essential for member utilization
- Drafted and proposed amendments to the constitution to streamline the election process

Extracurriculars

Computer Science House - Executive Board Member & Secretary

- Coordinated meetings for periodic deep cleans and projects, managing volunteer teams and working with other members to maintain the physicality of our dorm hall
- Advocated for member needs in executive meetings, making decisions for community development and sustainability
- Organized and published notes for every executive board meeting and member meeting

Skills

Technologies: Git, Linux, Bash shell, Microsoft Development Toolkit, Microsoft Office, Avid Pro Tools, MiniTab, Laptop Hardware

Languages: Python, C, Java, HTML, SpringBoot, Rust