

JOSEPH HAENEL

jhaenel@siue.edu | 217-556-6961 | josephhaenel.github.io

EDUCATION

Southern Illinois University Edwardsville
Bachelor of Science in Computer Science

Edwardsville, IL
Expected: December 2024

- **GPA: 3.71**
- Honors Student
- Provost Scholar

TECHNICAL SKILLS

- Proficient in C++ and Python.
- Experienced in PHP, C, and SQL.
- Familiar with JavaScript, TypeScript, CSS, MATLAB, SWI-Prolog, and Scheme.

VOLUNTEER WORK

Organizer

eHacks 2024

May 2023 - Present
Edwardsville, IL

- Collaborated with alumni and staff to gather insights about past events.
- Secured sponsorships through active communication with local companies.
- Developed and implemented a marketing strategy to maximize participation and awareness.

Guest Speaker in Computer Science

Mt. Olive CUSD #5

May 2023
Mt. Olive, IL

- Delivered a presentation to students in grades 4th - 8th on the fundamentals of computer programming.

WORK EXPERIENCE

Teaching Assistant

Southern Illinois University Edwardsville

January 2024 – Present
Edwardsville, IL

- Teaching Assistant for Machine Learning and Human-Computer Interaction classes.

Computer Science Tutor

Southern Illinois University Edwardsville

August 2023 – December 2023
Edwardsville, IL

- Tutored students in the basics of C++ and their understanding of computing principles.

Undergraduate Research Assistant

Southern Illinois University Edwardsville

July 2023 - Present
Edwardsville, IL

- Conducting computer vision research under the mentorship of Dr. Quiñones.
- Comparative analysis of the effects of machine learning techniques versus deep convolutional neural networks in detecting and classifying tomato leaf diseases.

IT Intern

Shelby Electric Cooperative / PWR-net

June 2023 - Present
Shelbyville, IL

- Enhanced skills in computer networking, telecommunications, and cybersecurity.
- Gained hands-on experience in installing and troubleshooting computer systems.
- Assisted in the installation and management of their fixed wireless broadband network.
- Delivered technical support to staff, resolving various IT-related issues.