

Harleen Kaur

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Summary

Growth-Oriented student pursuing a bachelor's degree in integrated systems technician (IoT). Passionate about collaborating with diverse teams, solving technical problems, and helping others succeed. Seeking opportunities in Software Engineering roles to gain hands-on experience and grow as a person.

Core Competencies

Python Automation | Flask | JavaScript | Html | SQLite | DSA & OPP in Python | Problem Solving | Critical Thinking | RAG Systems | Prompt Engineering | NLP & Text Processing, Build with LLMs

Education

Sinclair Community College | Dayton, OH

Expected in May 2028

Bachelor of Applied Science: Integrated Systems Technician

Relevant Coursework: Info Sys Anal & Design, Python for Data Analytics, Artificial Intell in AVT

Certifications & Licenses

- CompTIA Network

Expected May 2027

Professional Experience

Sinclair Community College | Dayton, OH

February 2025 to Current

Student Mentor

- Facilitate access to facilities for students with disabilities, ensuring equitable educational opportunities.

Extern | Pfizer

July to September 2026

Externship Intern

- Developing AI pipelines to process pharmaceutical vendor files using OCR (Tesseract, PaddleOCR) and RAG for data extraction and classification
- Building an RAG-based document retrieval system with LlamaIndex, optimized with chunk tuning and open-source LLMs (Mistral, Phi-2)
- Conducting end-to-end evaluation of the document intelligence system, benchmarking OCR accuracy, RAG retrieval quality, and routing performance. Delivering a technical report outlining model trade-offs, optimization strategies, final deployment recommendations, and building a UI for demo purposes.

Volunteer Work

National Conference for Community and Justice

May 2026 to July 2026

Volunteering Youth Program Intern

- Designed and developed an automated scheduling system using Google Forms, Google Sheets, and Google Apps Script.
- Creating a simple asset tracking system using Flask, Python, SQLite, HTML, Tailwind CSS, and JavaScript to help organizations track and manage their assets.

Accomplishment

- **Member of National Society of Leadership and Success (NSLs)** – completed supplemental leadership and professional development coursework as an active participant.