

Tyreeq Harvey

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SUMMARY

As a Computer Science major with a strong interest in AI engineering, I aim to build practical, user-focused applications using Python and modern LLM tooling. My goal is to design intelligent systems that solve real problems by turning AI capability into tools people actually want to use.

EDUCATION

Houston Christian University

Houston, TX

B.S in Computer Science

Jan 2022 - Jun 2028

- **Clubs and Leadership Roles:** Active Member of National Society of Black Engineers & Houston AI Club
- **Awards and Honors:** Grace Hopper Scholarship, Dean Scholarship
- **Relevant Coursework:** Data Structures, Database Management, CompTIA Network+, Operating Systems

EXPERIENCE

Computing Help Desk

Aug 2025 - Present

Houston Christian University

Houston, TX

- Diagnose and resolve hardware, software, and network issues for students, faculty, and staff.
- Create and update knowledge base articles or internal guides for recurring issues.
- Guide students through basic tech tasks
- Log, track, and prioritize student requests using various software; ensure timely resolution and follow-up.

Full Stack Developer

June 2026 - Present

Sports Media Inc.

Houston, Texas

- Collaborated with a cross-functional team to design and build a mobile application from concept through deployment.
- Diagnosed and resolved bugs across the full stack, from front-end UI issues to backend logic and API errors.
- Partnered closely with designers, engineers, and QA to unblock teammates, review code, and keep sprint deadlines on track

PROJECTS

Local AI Agent | Python, Ollama (Llama 3.1), SQLite Gmail IMAP/SMTP

June 2026

- Built a locally-run AI email assistant using Ollama (Llama 3.1) with native tool-calling, eliminating reliance on cloud-based LLM APIs for core functionality
- Designed and implemented an agentic tool-calling architecture in Python, enabling the LLM to read Gmail inboxes, draft emails, and manage a SQLite-backed contacts database through structured function calls
- Engineered a two-step send safety mechanism (prepare-and-preview, then explicit confirm) to prevent unintended email sends — a deliberate agent-safety design pattern
- Integrated Gmail IMAP/SMTP with Python, handling authentication via App Passwords and structuring reliable read/send workflows
- Developed a real-time streaming terminal interface, printing LLM responses as they're generated rather than waiting for full completion

VOLUNTEERING

Time Keeper

May 2026

ISACA

Houston, Texas

- Served as Timekeeper for a professional industry conference (ISACA), monitoring session schedules and coordinating with speakers and event staff to keep programming on time

TECHNICAL SKILLS

Languages: Python, Java, Arduino C++

Frameworks/Technologies: OpenCV, Kali Linux, Microsoft 365, SQL

Other Skills: Troubleshooting, Critical Thinking, Security