Henry Cooper

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PERSONAL SUMMARY

Computer Science senior seeking a software engineering role. Built a Ruby on Rails platform used by hundreds of people for an international client, led a department website project as a project manager, and built a containerized Go REST API. Brings a security mindset from a Cybersecurity minor and two IT roles.

TECHNICAL SKILLS

Languages	C++, Python, JavaScript, Go, Ruby, SQL
Development	React, Express.js, Ruby on Rails, FastAPI, REST APIs, DevSecOps, agentic AI-assisted development
Tools	Git, GitHub Actions, GitLab CI/CD, Docker, Jest, Jira, Linux, VirtualBox
IT & Networking	Active Directory, Microsoft 365, CrowdStrike, Kaseya, Datto, TCP/IP, VLANs, firewalls, VPNs

EDUCATION

Bachelor of Science in Computer Science — Expected May 2027
Franciscan University of Steubenville, Steubenville, OH — GPA: 3.85
Minors in Cybersecurity and Mathematics

- Placed in the top 25% worldwide with a team in IEEEXtreme, a 24-hour global programming competition
- President's Tuition Scholarship recipient, the highest merit-based university award for academic excellence

SOFTWARE PROJECTS

ScriptOS, Senior Capstone Project — Team Project, Aug 2026 – May 2027

- Built a Ruby on Rails workflow app for the U.S. Conference of Catholic Bishops (USCCB) in Agile sprints
- Replaced email chains and scattered file storage with a single platform used by hundreds of people
- Closed 20+ Jira tasks building security patches, database models, and role-based authorization for 40+ REST API calls

Department Website, Backend Developer & Project Manager — Team Project, Oct – Nov 2026

- Built a website for our department as a team project in Algorithms class, using AI-assisted development
- Developed requested features and bug fixes, defined requirements, and reviewed the team's pull requests

FileShareAPI, Go REST API — Team Project

- Built a file storage REST API in Go (Gin) and PostgreSQL on a four-person team
- Containerized it with Docker Compose and shipped through a GitLab CI pipeline that builds, lints, and tests
- Learned Go and the Gin framework from scratch and delivered a working, tested API with the team

Home Lab & Linux Server — Personal Project

- Run a self-hosted Linux server (VPN, storage, Minecraft) for 10 users at 99% uptime over 18 months
- Segmented a 20-device network into 4 VLANs with firewall rules and an IPsec VPN, plus a VirtualBox security lab
- Building a Python FastAPI service, containerized with Docker, that reports live Minecraft player stats over RCON

WORK EXPERIENCE

Remote Support Engineer Intern — May – Aug 2026
FTI Services Inc., Ventura, CA

- Resolved 600+ support tickets for business clients by phone and email, keeping a 95% on-time response rate
- Managed accounts and secured endpoints with Active Directory, Microsoft 365, CrowdStrike, Kaseya, and Datto

ITS Help Desk Student Technician — Aug 2025 – Present
Dynamic Campus Solutions, Franciscan University of Steubenville, Steubenville, OH

- Supported 4,250 students, resolving 500+ tickets for authentication, network, and system-access issues
- Diagnosed university machines and classroom technology, documenting each fix to keep ticket records accurate

CERTIFICATIONS

CompTIA Network+ — August 2025

LEADERSHIP

- Household Coordinator, scheduled events, retreats, and activities for 15 men. (Apprentices of St. Joseph, 2026 – 2027)
- Collegiate men's club volleyball, Franciscan University (2024 – 2026)