Austin Laubach

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EDUCATION

University of Maryland, Baltimore County — **Baltimore, MD**
Computer Science, B.S. — *Expected Graduation: May 2027*

PROFESSIONAL EXPERIENCE

Software Engineering Intern — **Annapolis Junction, MD**
Woodsong Technologies — *06/26 - Present*

- Architected an IoT proof-of-concept's communication layer: protocol, message schema, system design
- Built a React dashboard for real-time telemetry, device configuration, and diagnostics
- Implemented an HTTP loopback proxy for bidirectional dashboard-to-device communication
- Developed Python networking services on Linux with persistent startup via systemd
- Evaluated embedded technologies and architectures, steering product direction to proof-of-concept

Print & Marketing Associate — **Baltimore, MD**
Staples — *09/22 - Present*

- Ran high-volume print production and troubleshot commercial Xerox equipment to meet deadlines

Entry Level PC Technician (Contract) — **Baltimore, MD**
Data Networks — *06/21 - 08/21*

- Configured 25+ Juniper switches daily for enterprise deployments with zero inventory discrepancies

PROJECT EXPERIENCE

gantry
Rust, SQLite — *10/2026 - Present*

- Desktop app that finds matching job postings and prepares applications to review and submit in one click
- Implemented discovery from Greenhouse, Lever, Ashby, SimplifyJobs lists, and Hacker News, with deduplication and filters

Boo & Breakfast
Godot, GDScript, multiplayer server — *10/2026*

- Built a cooperative 2–6 player game where each player holds part of the puzzle to run a haunted inn
- Browser and Linux builds on its own multiplayer server; built for Handshake's AI Skills Studio Challenge

noverview
JavaScript, Firefox extension — *04/2026*

- Built a Firefox extension that hides Google's AI Overviews and other AI boxes, leaving only site links
- Loads multiple result pages into one and backs off when rate-limited; collects no user data

Infotainment Dashboard (Team Lead)
React, JavaScript, CSS — *07/2026*

- Led a four-person team building a browser-based in-flight entertainment interface for UMBC's CMSC 437
- Set up the GitHub repository and issue tracking; built UI for shopping, food ordering, and passenger services

AI Knowledgebase Chatbot
Python, LLM, REST APIs — *12/2025*

- Built a semantic-search chatbot for UMBC's Division of IT to automate internal knowledge retrieval
- Built a pipeline turning unstructured documentation into vector embeddings; delivered in three Agile sprints

SKILLS

Languages: C, C++, Rust, Python, JavaScript, Swift, GDScript, Bash, x86 & RISC-V Assembly

Web: React, HTML, CSS, REST APIs

Systems & Networking: Linux, Git, systemd, Cisco + Juniper networking, System Imaging

Libraries and Tools: Godot, SQLite, Pandas, Flask