Travis V. Heavener

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EDUCATION

Rensselaer Polytechnic Institute   Troy, NY
Bachelor of Science in IT & Web Science, GPA: 3.71   Expected May 2027
- Relevant coursework: Web Development, Network Programming, Operating Systems

Academies of Loudoun (AET)   Ashburn, VA
Completed four-year IT program   Jun. 2023

EXPERIENCE

Next Phase Solutions and Services   Columbia, MD
Information Technology Intern   Summer 2023 & 2025
- Built Python automations using Google Cloud APIs to streamline user onboarding/offboarding.
- Managed AWS infrastructure (EC2, Lambda, DynamoDB) supporting internal production.
- Validated OS images in Hyper-V prior to enterprise-wide laptop deployments.
- Participated in twice-weekly Scrum meetings with IT staff.

Hammerdown Barbeque   Aldie, VA
Senior Employee   2020 – 2023; Summer 2024
- Handled daily customer relations, food preparation, employee training, and event organization.

PROJECTS

Mercury HTTP Server | *C/C++, Python, GitHub, Docker*   Jan. 2025 – Present
- Highly configurable and lightweight, RFC-compliant HTTP server for Windows and Linux.
- Designed server architecture with a focus on performance, configurability, and portability.
- Implemented a multithreaded request-handling pool using async I/O (C++).
- Built a Python-Docker hybrid test suite with hundreds of test cases and configurations.
- Used GitHub Actions for CI/CD and GitHub Issues for bug tracking.

BinGo - Independent Research Project | *Node.js, React Native, Agile (Scrum)*   Sep. 2022 – Jun. 2023
- Designed and built a mobile app that encourages physical activity via digital bingo cards.
- Followed Agile methodologies and Scrum with weekly standups and backlog management.
- Used React Native and EAS to build & deploy Android apps.

SKILLS

Languages & Frameworks: JavaScript/TypeScript, C++, Python, React, Node.js
Systems & Cloud: Git, GitHub, MySQL, AWS, Linux, MongoDB Atlas
Project Management: Agile (Scrum), Waterfall, Trello, Jira, GitHub Issues

CERTIFICATIONS

CompTIA Security+ *(in progress)*   Expected May 2026
AWS Certified Cloud Practitioner *(in progress)*   Expected Aug 2026

ACTIVITIES & HONORS

Rensselaer Polytechnic Institute Dean's Honor List   2023 – Present
Private code tutoring   2021 – Present
Academies of Loudoun Hackathon Workshop Lead   2023
Computer Science Honor Society   2021 – 2023