

Travis V. Heavener

Aldie, VA | travis.heavener@gmail.com | wowtravis.com | github.com/travis-heavener

EDUCATION

Rensselaer Polytechnic Institute

Troy, NY

Bachelor of Science in IT & Web Science, GPA: 3.71

Expected May 2027

Coursework: Web Science Systems 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

- Managed AWS infrastructure (EC2, Lambda, DynamoDB) supporting internal production.
- Built Python automations using Google Cloud APIs to streamline user onboarding/offboarding.
- 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

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.
- Uses GitHub Actions for CI/CD and GitHub Issues for bug tracking.

BinGo - Independent Research Project

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.
- Uses 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