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.

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.
- Uses React Native and EAS to build & deploy Android apps.

SKILLS

Languages: C++, Python, JavaScript/TypeScript
Frameworks & Environments: React, Node.js
Systems & Cloud: Git, GitHub, MySQL, AWS, Linux, MongoDB Atlas

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
Latin Club	2018 – 2023