

Atticus Weiss

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SUMMARY

Current Computer Science student with strong experience in network engineering through academic projects. Developed skills in system administration, problem-solving, and effective communication while collaborating closely within team environments. Passionate about applying technical knowledge to improve internal IT infrastructure and optimize workflows. Aiming to contribute practical insights from coursework and projects in real-world applications. Proficiency in troubleshooting across various systems supports quick adaptation to complex situations, eager to learn in a dynamic, fast-paced IT context.

EDUCATION

Bachelor's Degree in Computer Science

2027

George Washington University GPA: 3.8

Washington, DC

Coursework: Data Structures, Networking Fundamentals, System Administration, Cloud Computing

TECHNICAL SKILLS

- **Network Protocols:** TCP/IP, DNS, DHCP
- **Operating Systems:** Windows, Linux, macOS
- **Programming Languages:** Python, JavaScript, C++
- **Database Management:** MySQL, MongoDB, SQL Server
- **Version Control:** Git, GitHub, Bitbucket
- **Cloud Platforms:** AWS, Azure, Google Cloud
- **Development Tools:** Visual Studio Code, Postman, JIRA
- **Documentation Tools:** Office Suite, Confluence, Markdown
- **Testing Frameworks:** JUnit, Mocha, Selenium
- **Security Tools:** Wireshark, Nessus, Metasploit

SKILLS

- Network Engineering
- IT Convergence
- System Administration
- Microsoft Office
- Windows
- Communication
- Problem-Solving
- Research Analysis
- Project Documentation
- Team Collaboration
- Network Testing
- User Feedback Integration
- Presentation Skills
- Data Evaluation
- Usability Testing
- Prototype Development

EXPERIENCE

Network Engineering Intern

January 2026 - Present

University Project

Arlington, VA

This role involves active collaboration on a project focused on building a simulated network environment for educational purposes. Engages with both technical tasks and documentation practices critical for maintaining operational standards.

- Collaborated on designing a simulated network for a mock organization, integrating theoretical knowledge into practical application.
- Performed routine maintenance on components, addressing issues to enhance overall network performance and security.
- Drafted comprehensive documentation detailing configurations and maintenance protocols for ongoing team reference.
- Evaluated a range of hardware/software solutions for potential enhancements based on emerging technology trends.
- Utilized Microsoft Office extensively for preparing documentation and oral presentations.
- Participated actively in team discussions, sharing insights on resolving technical challenges encountered during the project.

IT Convergence Research Assistant

September 2025 - December 2025

Academic Research

Arlington, VA

Supported research efforts investigating IT convergence trends, providing assistance in data analysis and coordination with faculty on research objectives.

- Conducted detailed analyses of user experiences with varying network setups, leading to valuable insights for the research project.
- Assisted preparation of findings for presentation at a significant university symposium, honing public speaking and presentation abilities.
- Engaged in literature reviews that shaped the direction and methodologies for the research, ensuring robust academic foundation.
- Collaborated with faculty members to refine questions underlying the research study, focusing on actionable outcomes.
- Developed a comprehensive presentation summarizing recommendations and future research directions based on findings.
- Ensured adherence to timelines by coordinating activities and managing stakeholder interests throughout the project.

Student Network Developer

October 2025

Hackathon Project

Remote

Contributed inventive insights as part of a team competing in a high-pressure hackathon, developing a network monitoring prototype.

- Engineered a prototype network monitoring tool using Python, stressing practicality and resource optimization under time constraints.
- Identified essential features crucial for security enhancement, participating in brainstorming sessions that informed final product direction.
- Designed user interfaces and led usability tests among peers, gathering feedback to iterate on design effectively.
- Presented the completed project to a panel of judges, which received commendations for its innovation and functional depth.
- Reflected on tight teamwork dynamics and rapid development processes, documenting key lessons and areas for personal growth.
- Created follow-up documentation on prototype outcomes and technical choices made, useful for future collaborations.

LEADERSHIP & AWARDS

- Dean's List, Fall 2025
- Winner, University Coding Competition, 2025

CERTIFICATIONS

- Google IT Support Professional Certificate 📅 2026
- Microsoft Certified: Azure Fundamentals 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Computer Science Club, 2025 – Present
- Volunteer, Local Tech Outreach Program, 2025 – Present

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST