

Babak Aghayev

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SUMMARY

Computer Science graduate with expertise in Linux system administration, networking, and automation. Proficient in managing **Arch and Debian Linux environments**, configuring **networking protocols (TCP/IP, VPN, DNS)**, and automating tasks using **Python and Bash**. Strong problem-solving skills with a focus on security best practices and continuous learning.

EDUCATION

University of Mary Hardin-Baylor
Bachelor of Science, Computer Science

- Gamma Beta Phi Honor Society
- Magna Cum Laude

Belton, Texas, United States
Cumulative GPA: 3.8

WORK EXPERIENCE

UMHB International Student Services
Student Worker

Belton, Texas, United States
Jan 2024 - Dec 2024

- Managed over **50 students**, administrative tasks, client interaction, and data management, using organizational skills to streamline office operations and maintain accurate records.
- Automated routine administrative tasks using Python scripts, reducing manual effort by **50%** and improving workflow efficiency.

UMHB Residence Life
Resident Assistant

Belton, Texas, United States
Jul 2022 - May 2023

- Fostered a supportive community and organized events, applying leadership, communication, and conflict resolution skills to enhance the student experience.
- Enforced policies and provided academic support, demonstrating organizational and problem-solving abilities in a residence life environment.

CERTIFICATIONS

Cisco Certified Network Associate

CISCO
Issued: April 5, 2023

PROJECTS

- **Selenium Web Tool** - Developed a Python Selenium WebDriver script to scrape data from a complex, outdated website by emulating human interactions, performing **over 3,000** operations without errors and expediting the work by **a factor of 15**, and generating a comprehensive CSV dataset for reporting.
- **Custom Local LLM** - Currently working on hosting a large language model (LLM) locally, fine-tuning it with custom datasets to enhance citation capabilities, while also integrating both front-end and back-end components for a user-friendly experience.

SKILLS

- **Technical Skills:** Active Directory, Computer Networking, Linux, Windows, Git & GitHub, CLI, HTML/CSS/JS, C/C++, Java, Database Administration, Network Security, Bash and Python Scripting
- **Soft Skills:** Leadership, Communication, Team Work, Organization, Attention to Detail, Perseverance
- **Languages:** English, Russian, German, French, Azerbaijani, Turkish, Spanish, Chinese