

AFTON SPIEGEL

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Optimistic self-driven solutionist, motivated to advance AI Security for a positive global impact.

WORK EXPERIENCE

Senior LLM Cybersecurity Engineer, PromptArmor, San Francisco, CA Apr '25 - Present

Researched LLM-specific threats; designed, implemented, and utilized systems to analyze AI security risks.

LLM Penetration Tester, PromptArmor, San Francisco, CA, May '24 - Mar '25

Evaluated multimodal LLM-based applications for security flaws aligning with the **OWASP LLM Top 10**.

Systems Programming TA, University at Buffalo, Buffalo, NY Aug '23 - Dec '23

Led two lab sections; held office hours; engaged **230+** questions via a forum for a class of **415 students**.

Software Engineer Intern, Tightrope Interactive, Beacon, NY May '23 - Aug '23

Architected an iOS app backend; served up to **25M** requests daily. Automated cross-team systems via **API**.

Data Analytics & QA Intern, Tightrope Interactive, Beacon, NY May '21 - Jun '21

Identified anomalies in lifetime value data for **19 services**. QA tested websites and browser extensions.

RELEVANT EXPERIENCE

Model Safety Bug Bounty Program, Anthropic - Selected contributor for a closed-invite program.

Mitre Embedded CTF 2024, University at Buffalo - 4/80 teams in a semester-long competition.

Gandalf LLM CTF, Lakera - One of less than one percent of competitors to complete the bonus level.

UB Hacking Hackathon 2022 & 2023, University at Buffalo - Volunteer and 2x project leader.

EDUCATION

Exchange Semester: Vrije Universiteit Amsterdam, The Netherlands Aug '24 - Dec '24

Immersive cultural experience in the Netherlands, Switzerland, Iceland, England, and the Czech Republic.

Bachelor of Science: Computer Science, University at Buffalo, GPA: 3.8/4.0 Sep '21 - Dec '24

Member: Tau Beta Pi (Engineering Honor Society), UB Security Club, Systems & Networking Group.

Requested to TA by Prof. for Software Quality Assurance, Algorithm Design, and Systems Programming.