

Mohammad Rumeen

Cybersecurity · Security Operations & Investigation · Python Automation · Monitoring & Detection

Milpitas, CA | U.S. Citizen | rumeemoein@gmail.com | [LinkedIn](#) | [GitHub](#)

SUMMARY

Computer Science graduate building a cybersecurity career from two directions at once: a hands-on security externship covering TLS, certificate management, and security testing, alongside 3+ years of real-world security operations experience investigating incidents and managing escalations at enterprise corporate sites. Brings a strong engineering foundation — Python automation, monitoring and alerting infrastructure, and root-cause analysis on production systems — plus direct experience with the AI systems reshaping both sides of security. CompTIA Security+ in progress. Looking for a structured program to deepen technical depth across SOC analysis, incident response, and secure system engineering.

CYBERSECURITY EXPERIENCE

Cybersecurity Extern | Hydrocient (Remote)

Oct 2026 – Present

- Hands-on externship building and securing IoT data pipelines in Python — TLS encryption, device certificate management, and secure data transport.
- Security testing including replay-attack simulation and TLS performance benchmarking to identify vulnerabilities and tune defenses.
- Real-time security monitoring dashboards tracking pipeline health, threat detection, and system status.

Security Operations Officer | Allied Universal — Samsung Site, San Jose, CA

Aug 2026 – Present

- Monitor access control and surveillance systems at a corporate technology campus; investigate alerts and anomalous activity, assess severity, and determine appropriate response in real time.
- Document investigations in structured written reports and escalate high-priority incidents through established response procedures.

Security Specialist | SIS Inc. — Apple Site, Cupertino, CA

Oct 2020 – Jan 2023

- Operated access control and monitoring systems on a high-profile corporate campus over a 2+ year assignment — investigated incidents and policy violations, produced structured reports used by site leadership, and coordinated emergency escalations.

TECHNICAL EXPERIENCE

AI Agent Engineer Extern | Wayfair

Mar 2026 – Jun 2026

- Built monitoring, structured logging, and alerting infrastructure across production systems that flagged anomalies early and significantly reduced incident detection time.
- Diagnosed and resolved production failures end-to-end, applying root-cause analysis and documenting fixes in runbook-style materials.

Data & AI Engineer (Freelance) | Outlier AI

Sep 2024 – May 2025

- Built automated validation frameworks across 200+ Python, C++, and JavaScript workflows — defined test protocols and classification logic to systematically identify defects, edge cases, and unsafe behavior in code.

Software Engineer Intern | Tomorrow's AI

Oct 2024 – Dec 2024

- Built Python automation pipelines and monitoring frameworks that validated system behavior and surfaced regressions early for engineering leadership.

PROJECTS

Consumer Trend Discovery — Full-Stack AI Pipeline

May 2025

- Scoped, built, and deployed solo: a multi-source pipeline with a custom FastAPI backend, API integrations, and schema validation at every stage, routing data through LLM analysis into a generated report; containerized with Docker and published to a public GitHub repo with architecture documentation.

SKILLS

Security: TLS & certificate management, security testing (replay-attack simulation), access control & surveillance monitoring, incident investigation & documentation, escalation procedures, security dashboards

Languages: Python, SQL, JavaScript, Bash, C, C++, Java

Systems & Cloud: Linux, AWS, GCP, Docker, Kubernetes (familiar), networking fundamentals, REST APIs, Git/GitHub, CI/CD

AI & Data: LLM APIs (Claude, OpenAI, Gemini), agentic workflows, LangChain, Pandas, NumPy, scikit-learn, Tableau, Power BI

EDUCATION & CERTIFICATIONS

B.S. Computer Science — California State University, East Bay · Data Analytics Fellow, COOP Careers (16-week intensive: Python, SQL, Tableau)

Relevant Coursework: Operating Systems · Computer Architecture · Data Structures & Algorithms · Artificial Intelligence

CompTIA Security+ (in progress) · Google AI Specialization · Google Data Analytics Professional Certificate