

Shaheer Saud

shaheersaud.internship@gmail.com | [linkedin.com/in/shaheer-saud](https://www.linkedin.com/in/shaheer-saud) | github.com/shaheersaud2004 | cipherconsulting.net | khafi.org

EDUCATION

Rutgers, the State University of New Jersey - New Brunswick
B.A. in Computer Science, Cum Laude

May 2026
3.65 GPA

WORK EXPERIENCE

AT&T - Cyber Security Data Analytics Team

Middletown, NJ

Cyber AI Engineer Intern

May 2025 – August 2025

- Architected AT&T's RAG LLM pipeline by integrating new data sources and automating ingestion, cutting document processing from weeks to seconds and improving IAM/PAM query accuracy to 96%
- Developed an LLM benchmarking framework using RAGAS and Hugging Face to evaluate model configurations on 1,000+ labeled examples, cutting evaluation time by 90% and accelerating optimization
- Designed AI model configurations for AT&T's proprietary LLM by adjusting hyperparameters and refining embedding architectures, improving accuracy, reducing latency, and strengthening inference reliability

Colgate - Palmolive

Piscataway, NJ

Security Engineer Intern

Feb 2024 – Dec 2025

- Constructed an AI chatbot for PAM queries by ingesting and curating documentation, reducing resolution time from 1 week to minutes and cutting help desk workload by 98%
- Performed log analysis with Splunk, Okta, and Tanium to detect unauthorized access, anomalies, and misconfigurations, improving detection speed, strengthening response, and enhancing security posture
- Automated migration of over 1,000 IT profiles using PowerShell, Python, and Colgate-Palmolive's API, cutting manual effort by 80% and securely transferring credentials and secrets at scale

Rutgers Office of Information Technology

New Brunswick, NJ

Information Technology Supervisor

Apr 2023 - Present

- Deployed a secure Python automation script with Selenium to streamline data aggregation across multiple platforms, reducing caller wait times by 85% and enhancing data integrity
- Leveraged expertise in OSI Layer 1 to 7 configurations, including secure IP address management, TCP/IP protocols, and DNS security, to resolve network challenges and ensure uninterrupted, secure data flow
- Led and trained 200 consultants, resolving over 300 IT tickets via ServiceNow, focusing on mitigating security breaches and preventing network interruptions, significantly improving incident response times

PROJECTS

On-Device LLM Compression & Deployment (Advisor: Dr. Rabiul Islam) | *PyTorch, Hugging Face*

- Compressed and optimized BERT/GPT-2 for edge deployment, reducing size and latency with minimal accuracy loss while deploying int8 models on Raspberry Pi and validating with LIME/SHAP

Smart Home Honeypot Dashboard | *Python, Flask, SQLite, WebSockets, GeoIP, Telnet, Jinja2*

- Built a full-stack IoT honeypot simulating a smart home, using fake login portals, Telnet exploits, and firmware traps to capture attacker behavior — visualized threats in real time via a custom dashboard

Sensitive Data Exposure Crawler | *Python, FastAPI, Asyncio, NLP, Chart.js, Uvicorn, WebSockets*

- Created a real-time web crawler that scans public URLs for exposed personal data using NLP filters and visualizes scan results through a live dashboard with 100+ concurrent scanning workers

SKILLS & ACTIVITIES

Technical: Python, Java, JavaScript, C/C++, SQL, PowerShell, HTML/CSS, PyTorch, Hugging Face

Security/IT Tools: Splunk, Tanium, Okta, IAM/PAM, SIEM, Honeypots, TCP/IP, DNS, OSI 1–7

Certifications & Involvement: Cisco Cybersecurity, CCNA (in progress), MSA Treasurer, HackRU '23–'25