KIRTAN PATEL
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Computer Science student with a strong foundation in cybersecurity, backend development, and AI systems. Aspiring Cybersecurity Analyst with hands-on experience in ethical hacking, digital forensics, and AI-driven exploit automation.

EDUCATION

University of Illinois Chicago (UIC)   August 2025 - Present
Masters of Science in Computer Science   *(Expected Graduation: December 2026)*

University of Illinois Chicago (UIC)   January 2022 - May 2025
Bachelor of Science in Computer Science- Software Engineering Concentration
Minor in Mathematics
Dean's List (UIC College of Engineering – FALL 2023 & FALL 2024)

EXPERIENCE

Student Manager - Classroom Technology Specialist - UIC, Chicago, IL   December 2024 – Present
- Oversaw a team of Classroom Streaming Support Specialists, ensuring adherence to protocols.
- Provided technical support, including hardware, software, and networking issues across campus.
- Collaborated with Academic Technologists during the hiring process for new Technology Specialists, streamlining candidate evaluation and reducing time-to-hire by 27%.
- Managed the scheduling of personnel to address technical support tickets and classroom technology incidents, reducing resolution time by approximately 12%.
- Escalated unresolved issues to Tier 2 for advanced troubleshooting, minimizing class downtime.
- Trained newly hired team members on technical procedures and campus technology policies.

Classroom Technology Specialist - UIC, Chicago, IL   August 2022 – November 2024
- Provided technical support, improving classroom setup times by 30% through efficient troubleshooting and streamlining of streaming tools and hardware.
- Demonstrated problem-solving excellence in programming, system hardware design, and setup.
- Enhanced ticket resolution efficiency by 43.75%, reducing average resolution time from 18 to 7.5 hours.
- Partnered with IT specialists to tackle and resolve intricate technical challenges.
- Led and mentored a team of 23 new technicians, boosting efficiency and ensuring high service standards.

SKILLS

Proficient: *Python, Bash, Kali Linux, Wireshark, Nmap, Metasploit, OWASP ZAP, Autopsy, netcat, ClamAV, iptables, Linux File Permissions (SetUID/GID), Reverse Shells, Network Protocols (TCP/IP, DNS, HTTP/S)*

Experienced: *Digital Forensics (Disk Image Analysis, Metadata Recovery), OWASP Top 10, DVWA, Privilege Escalation Techniques, Web Application Vulnerability Testing, SIEM Concepts, Tailscale, Zero Trust Security, Threat Modeling, MITRE ATT&CK, Social Engineering Concepts*

CERTIFICATIONS
Foundations of Cybersecurity – Google(Coursera – Oct 2024)
Introduction to Networking – Nvidia(Coursera – Oct 2024)

PROJECTS

FaceWAY – AI-Powered Facial Recognition Customer Identification System
- Developed an **Express.js, React, Node.js, and Face-API.js**-based kiosk system for real-time facial recognition and customer verification with **Google OAuth API**.

GenVARS – Generative AI Vulnerability Assessment and Reverse Shell (Cyber Security Analysis App)
- An automated system leveraging **Python** and **GenAI** for comprehensive vulnerability assessment and controlled exploitation to identify security weaknesses and potential attacks, and provide remediation.

ScamurAI – AI-Powered Stripe Transaction Fraud Detection System (WildHacks 2025 – Finalist)
- Developed a decentralized fraud detection firewall that uses machine learning to spot suspicious payments and instantly alert a peer network - creating a smart, decentralized shield against scams.