

Preet Desai

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EDUCATION

Carnegie Mellon University, Heinz College, Pittsburgh, PA August 2026 – May 2028

Master of Science in Information Security Policy & Management

- Relevant course work: Information Security Management, Economics, Management Consulting,

Rowan University, John H Martinson Honors College, Glassboro, NJ September 2023 - May 2026

Bachelor of Science in Computer Science

- GPA: 3.7; Relevant Coursework: Programming Languages, Software engineering, Data Mining with Pandas

County College of Morris, Randolph, NJ September 2021 - May 2023

Cybersecurity Information Protection Program

- GPA: 3.7; Relevant Coursework: Network Security, Penetration Testing, Ethical Hacking and System Defense, Cyberwarfare

PROFESSIONAL EXPERIENCE

Werbel Microwave, Whippany, NJ (Remote) January 2026 - Present

Software Engineering Co-Op

- Drive sales at firm using Google Analytics, Ads, and Search algorithms to process useful AdWords to publicize products
- Implement honeypots to eliminate botnet production, driving website traffic by 70%
- Optimize business ERP excel document for coherence between Engineering, Testing, Sales teams

Sensonics International, Haddon Heights, NJ May 2025 - October 2025

Research & Development Intern

- Managed 30+ ongoing research projects utilizing Jira, managing time efficiency by 60% between wide range projects
- Automated shipping industry to increase participant volume by 60% via Javascript Bookmarklet
- Analyzed deployment testing to verify consistent and auditable dataset collection across 100+ demographic test groups

Werbel Microwave, Whippany, NJ (Remote) February 2024 - July 2024

Computer Science Specialist

- Developed 3D/2D models via autocad to drive product sales by 30% and help virtualize the product for clients
- Logged 450+ item inventory via JavaScript, decreasing downtime by 2 hours in the inventory stock room
- Utilized Zoho CRM to automate inventory tracking, improving resource traceability by 90% from the inventory team

Werbel Microwave, Whippany, NJ February 2023 - August 2023

Test Technician

- Performed threat analysis on 450+ RF components, identifying faults, anomalies, and non-compliant behavior
- Created instant ticketing for CAPA files using Excel Macros, increasing threat mitigation in production by 30%
- Troubleshooted customer order failures via problem solving, leading to \$2000+ increase in sales department revenue

COURSE PROJECTS

- Contributing to Artificial Intelligence Red Teaming Research in Cylab at Carnegie Mellon University
- Developing a business model to help implement entrepreneurial ideas into sophisticated strategies with HKS Financial
- Attended Market Place Risk conference to develop sophisticated solutions on how to combat enumeration attacks, etc.
- Placed top 6 at the Carnegie Mellon Build-A-Thon by Replit to develop an AI assisted Elderly system to combat loneliness
- Manufactured a System Resource Monitor via C++ for our ASRC Federal clients via SDLC and Agile Scrum methodologies
- Identified vulnerabilities at libraries via network diagnostic tools including Burp Suite, Wireshark, Nmap, Metasploit
- Utilized Power Automate to decrease downtime by 70% in production when opening SOPs and CAPA files
- Automated shipping process by 90% by integrating Claude bookmarklet scripting into USPS Click-N-Ship

SKILLS

GRC & Compliance: ServiceNow GRC, OneTrust, Vanta, SIEM Power BI, Power Automate, MITRE ATT&CK, OSINT, QT Charts

Security & Networking: Risk Management, Data Visualization, Incident Response, Business Continuity

Cloud & Platforms: AWS, GCP, Azure, Zoho, Microsoft Office Suites, Mongo DB, Cloud Architecture

Programming: Python, JavaScript, Java, C++, Rust, Lua, R, VBA, HTML