

Mahesh Himakuntala

CYBERSECURITY | AI SYSTEMS | SOFTWARE ENGINEERING

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LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Incoming Stevens cybersecurity student and former NJCCIC team lead with hands-on experience building security tooling, full-stack AI systems, and machine-learning applications. Founder developing AI WorkForce, a pre-launch AI operations platform, and programming and robotics instructor who teaches complex concepts to students ages 6-17.

EDUCATION

Bachelor of Science in Cybersecurity - Stevens Institute of Technology, Hoboken, NJ Expected May 2030
High School Diploma - SciCore Academy, Hightstown, NJ 2026

EXPERIENCE

Advanced Cybersecurity Intern & Team Lead - NJCCIC / NJOHSP Summer 2025 - Fall 2025

- Served as team lead in an advanced cybersecurity internship with the New Jersey Cybersecurity and Communications Integration Cell, a division of NJOHSP.
- Coordinated team responsibilities, tracked progress, consolidated findings, and supported completion of program deliverables.

Founder & Developer - AI WorkForce (Pre-Launch) 2025 - Present

- Developing SupportBot and WorkspaceBot MVPs for a pre-launch platform that answers documentation-based questions, escalates uncertain requests, and routes follow-up work for human review.
- Implemented citation-backed responses, knowledge ingestion and approval workflows, ticket escalation, and agent handoffs using Next.js/TypeScript, FastAPI/Python, PostgreSQL/pgvector, Redis, and Docker.

Robotics & Coding Instructor - theCoderSchool, North Brunswick, NJ Oct 2024 - Present

- Promoted from student intern to instructor in Nov 2025; teach students ages 6-17 in Python, JavaScript, C#, Scratch, LEGO SPIKE, and Arduino.
- Lead project-based lessons in which students build apps, games, animations, and robots, adapting technical explanations to different ages and experience levels.

Robotics Coach & Web Developer - NextGen Robotics Jul 2025 - Feb 2026

- Developed the team website, coached students through robot programming and construction, and managed social media outreach.

Executive Director - Open Arms Refugee, East Coast 2022 - 2024

- Led East Coast outreach and donor coordination for refugee centers, organizing resource distribution across partner locations.

SELECTED PROJECTS

AI Cybersecurity Workstation & Homelab | Python / Kali Linux / VMware / Wireshark / Nmap / Ollama

- Configured a virtualized security lab and local AI-assisted workstation for network scanning, traffic and log analysis, suspicious-activity alerts, controlled phishing simulations, and offline troubleshooting.

AI Medical Imaging Classifier - GitHub | Python / TensorFlow/PyTorch / NumPy / Data Pipelines

- Trained a CNN on public MRI, CT, and X-ray datasets to classify imaging categories and return confidence scores.

SEC Form 4 Anomaly Detector - Live Demo | Python / SEC EDGAR / APIs / Data Processing

- Automated collection and parsing of SEC Form 4 filings, transforming transactions into structured records and surfacing unusual insider activity through filters, alerts, watchlists, and analytics.

Personal Physics Lab - GitHub | Python / OpenCV / SymPy/SciPy

- Developed a computer-vision pipeline that calibrates pixels to meters, segments motion, applies piecewise regression, calculates velocity, acceleration, energy, and gravity, and generates PDF reports.

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Java, SQL, HTML, CSS, C#

Web & Data: Next.js, React, FastAPI, Flask, PostgreSQL, pgvector, Redis, Firebase

Security & Systems: Linux, Kali Linux, Docker, Git, VMware, Wireshark, Nmap, Burp Suite, Metasploit

AI & Cloud: TensorFlow, PyTorch, OpenCV, Hugging Face, Ollama, Oracle Cloud

HONORS

Cybersecurity & Data 8th Place, Lockheed Martin CYBERQUEST (Network Security), 2025 | 3rd Place, TSA Data Science State Competition, 2022
Robotics & Hackathons FLL State - 2nd Place, Robot Design & 3rd Place, Innovation Project, 2022 | Regional Hackathon - UI/UX & 3rd Place, Concept, 2024

Communication & Leadership 3rd Place, Tri-State Debate League Tournament | Delivered a school TED Talk on identity