

Laxsikan Manoranjan

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EDUCATION

New Jersey Institute of Technology (NJIT) Newark, NJ

Master of Science in Cybersecurity and Privacy

Graduation Date: Dec 2025

GPA: 3.46 / 4.00

Relevant Coursework: Cryptography & Security, Operating Systems Design, Network Protocols Security, Security & Privacy in Computer Systems, Computer Security Auditing, Cloud Computing, Counter Hacking Techniques

Kean University Union, NJ

Bachelor of Science in Computer Science

Graduation Date: May 2024

GPA: 3.5 / 4.00

Relevant Coursework: Data Structures, Algorithms, UNIX/LINUX Programming, Database Systems, Game Development, Computer Architecture, Probability & Statistics for CS, Software Dev with frameworks

Union College Union, NJ

Associate in Science (A.S.) in Computer Science

Graduation Date: Dec 2021

GPA: 3.6 / 4.00

WORK EXPERIENCE

New Way Solution LLC

Java Spring Boot Developer, Intern

New Jersey, United States. Remote

May 2024 - Sep 2024

- Developed Spring Boot microservices to transform healthcare data into **FHIR** format for the Clear Sense project.
- Built secure backend services using **Java, Spring Boot, MySQL, and PostgreSQL**.
- Collaborated with cross-functional teams to deliver high-quality, scalable applications on time.

CVS Pharmacy

Shift Manager

Union, NJ

Nov 2019 - Present

- Led a team of 15 employees, coordinating daily operations, resolving customer issues, and maintaining efficiency, compliance, and confidentiality.

RELEVANT PROJECTS

New Jersey Institute of Technology Newark, NJ

Project & Assignments | Project Grade: 100% | Sep 2024 - Dec 2025

- **IS 631 – Web Systems Development:** Built a full-stack web app with REST APIs, secure backend, & database integration (MVC).
- **CS 643 – Cloud Computing:** Deployed AWS apps using S3, IAM, EC2, Lambda, API Gateway, DynamoDB, Docker, CloudFront.
- **CS 647 – Counter Hacking Techniques:** Exploited buffer overflows, ret2libc, & command injection; binary analysis with GDB.
- **CS 646 – Network Protocols Security:** Implemented VLANs, ACLs, port security, and OSPF using Cisco Packet Tracer.
- Defensive Network Security Project:** Deployed pfSense, Security Onion, and Kali; detected Nmap, DoS, FTP attacks.
- ARP Poisoning Project:** Executed ARP spoofing; detected attacks using arpwatch and tcpdump.
- **CS 630 – Operating Systems Project:** Built OS visualization for process scheduling and memory management.

Kean University Union, NJ

Web Development Project | Project Grade: 100% | Sep 2023 - Dec 2023

- Built a responsive, cross-browser website using semantic HTML5; tested and debugged for accessibility and performance.

SKILLS

Python, HTML5, Java, Java Script, C#, DBMS, CSS3, MySQL, PHP, SQLite, Node.js, Bash, React, Angular, Express, Django, C++, MongoDB, RESTful APIs, Apache, Postman, Git, Linux, VMWare, Docker, Serverless, Cisco Packet Tracer, Network Security, Cloud Security, Binary Exploitation, Firewalls, VLANs, ACLs, PostgreSQL, AWS