JEETESH GOWDER

New York City, US
(917) 914-6319 | jg7683@nyu.edu | https://www.linkedin.com/in/jeetesh-gowder-46356124b/

EDUCATION

New York University **September 2023 - May 2025**
Master of Science, Cybersecurity

Vellore Institute of Technology **July 2019 - May 2023**
Bachelor of Technology, Computer Science and engineering *GPA: 8.55/10*

SKILLS

Programming: Python, C/C++, MySQL, Bash, Julia.
Security tools: Wireshark, Nmap, Metasploit, Snort, Hashcat, Burpsuite, Nikto, John the Ripper, OpenStego, Ghidra.
Security domains: Application security, Penetration testing, Risk analysis, Network Security, Cryptography, Digital Forensics.
Certification: EC Council Certified Ethical Hacker (CEH).
Github: https://github.com/J7-7-7

PROFESSIONAL EXPERIENCE

New York University (NYU) **New York**
Graduate Teaching Assistant *September 2023 – December 2023*
- Worked alongside faculty members in developing course materials and assessments, ensuring alignment with academic standards and industry relevance for the course Cyber Risk Management.
- Developed and delivered comprehensive training sessions on cybersecurity tools and software, equipping students with practical knowledge for effective cyber risk assessment and management.

National University of Singapore (NUS) **Singapore**
Research Intern *December 2022 - May 2023*
- Collaborated with Dr. Tan Wee Kek to investigate the impact of economic recessions on markets, utilizing statistical modeling to optimize investment portfolios, leading to a 25% reduction in portfolio risk and a 16% increase in annual returns.
- Engineered and implemented a custom Reddit bot to disseminate precise economic recession predictions, driving a 16% increase in portfolio performance through informed decision making.

Paleetu **Bengaluru, India**
Business Process Analyst Intern *January 2022 - March 2022*
- Designed strategic use-cases for the financial sector and healthcare, leveraging automation to streamline processes and save over 100 hours per week, leading to significant cost savings.
- Architected API solutions after analyzing complex systems, resulting in improved data integration, reduced manual effort by 40%, and increased customer satisfaction by providing real-time information.
- Analyzed industry best practices and conducted assessments to evaluate the security capabilities of BPM software.

RESEARCH EXPERIENCE

OSIRIS Lab, NYU **New York**
Lab Member *July 2023 - Present*
- Collaborated with the OSIRIS Lab to organize and host an international cybersecurity CTF competition CSAW, attracting 200+ teams worldwide; facilitated the creation of realistic attack scenarios, leading to an engaging and challenging event.
- Orchestrated and executed immersive cybersecurity workshops, equipping over 100 students with practical skills to combat cyber threats.

Center Of Excellence: Cyber Security and Forensics **Vellore, India**
Cyber Security Research Student *December 2021 - November 2022*
- Conducted comprehensive research on DDoS attacks, leveraging network anomaly detection techniques from Netflow data to develop a robust intrusion detection and prevention system, mitigating potential cyber threats.
- Spearheaded the enhancement of security measures for the Student Admissions application by proposing a two-factor authentication system, mitigating potential security threats and reducing the risk by 20%.

Formula Student Team Uttejit **Vellore, India**
Data Acquisition Engineer *February 2020 - December 2021*
- Developed a telemetry system that improved data collection and analysis accuracy, leading to a 30% increase in overall equipment efficiency.
- Implemented performance analysis using industry-standard frameworks like LabView, Telemetry viewer, and Xbee modules to calibrate and integrate sensors across the vehicle, resulting in a remarkable 25% increase in overall performance and efficiency.

ACHIEVEMENTS

- Overall runners-up and first in Innovation in the Formula Imperial ISIEINDIA ‘21.
- Excelled in the Big Data Analytics Research program at Hewlett Packard Enterprise (HPE).
- Special Achievers' award at Vellore Institute of Technology.