# HITESH YADAV

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## ACADEMIC QUALIFICATION

**Carnegie Mellon University**                                                          Pittsburgh, PA
Master of Science in Information Technology and Information Security

**University Of Delhi, Department Of Computer Science**                                  Delhi, India
Master of Science in Computer Science | GPA: 8.449/10                                    May 2021

**Bachelor of Science in Computer Science** | GPA: 7.149/10                              Delhi, India
Shaheed Sukhdev College of Business Studies, University of Delhi                         May 2019

## WORK EXPERIENCE

**Safe Security**                                                                        Delhi, India
*Associate Security Analyst*                                                  April 2021 – May 2022

- Performed VAPT of 100+ Android and web applications; found 20+ critical and high vulnerabilities
- Managing and performing security audits on a periodic basis of organization products SAFE Enterprise (SaaS application) and SAFE Me (Serverless Application).
- Analyzed perimeter security of an entire organization by managing organizations' domains and subdomains
- Uplifting skill sets of the team through Tech Talks on emerging topics related to security
- Led towards customer success by performing report readout after assessment activity

**SISA Information Security Pvt Ltd**                                                    Bangalore, India
*Security Analyst Intern*                                                     August - September 2020

- Performed VAPT of 20+ web applications and android applications; found 10+ critical and high vulnerabilities
- In-Depth knowledge of OWASP Top 10 and hands-on exploitation
- Exploited a modern-day banking application and generated a penetration test report to showcase my knowledge

**Gurugram Police Cyber Security Summer Internship**                                     Delhi, India
*Cyber Security Intern*, led by Mr. Rakshit Tandon                            June 2020 - July 2020

- Solved various challenges in Open-Source Intelligence (OSINT), Cryptography, Password Cracking, Enumeration & Exploitation of Web Application
- Successfully completed a project on the topic of RFID Security and privacy
- Mentored a team of 5 & enabled them to participate in Capture the flag events
- Worked Individually as well as in a team-based environment to solve Capture the Flag-based Challenges
- Attended various sessions of dignitaries from government departments like CERT-IN (Ministry of Electronics and IT), Haryana Police Crime Branch, Mr. Nipun Jaiswal (Director at BDO India) & Mr. Anand Prakash (India's top bug Bounty hunter), etc.

## RESEARCH/ACADEMIC PROJECT

**VAPT Assessment of Departments' Student/faculty Management Portal**                     Delhi, India
*Minor Project*                                                            September - November 2020

- Independently performed Vulnerability Assessment & Penetration Testing activity of the Department's Student/Faculty Management Portal.
- Successfully identified; five high, six medium & two low vulnerabilities in the portal
- Headed the development team with smooth vulnerability management and patch cycle

**RFID Security and Privacy**                                                           Gurugram, India
*Internship Project*                                                         June 2020 - July 2020

- Independently presented a comprehensive study on security and privacy issues related to RFID technology.
- Highlighted the security issues existing in RFID technology which can lead to attacks like card cloning, and Man-In-The-Middle attacks

## TECHNICAL SKILLS

- **Languages:** Bash, JavaScript, C++
- **Tools:** Veracode, Burp Suite, Frida, Metasploit, Acunetix, Nessus Sqlmap, Wireshark, Aircrack-Ng
- **Certification:** Certified Red Team Expert (CRTP), Certified Ethical Hacker (CEH) – EC Council, Fortinet – Network Security Associate, Autopsy – Basis Technology
- **Skills:** Web Application Security, Android Application Security, Network Security, Google Scripting

## AWARDS AND ACHIEVEMENTS

- Awarded and recognized from platforms for responsible vulnerability disclosure: MakeMyTrip, Govt Of India, Techgig.com, branch.io.

# CO-CURRICULAR ACTIVITIES

**Rotaract Club of Visioners League**                                          Delhi, India
*Director of Club Service*                                          August 2017 - July 2017
- Piloted upliftment of women working in brothels by enabling them to make meals for students living in PGs/Hostel in exchange for money
- Developed strategies for membership development and retention

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