Aakash Prasad

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EDUCATION

NORTHEASTERN UNIVERSITY, Boston, MA

College of Computer and Information Science, **GPA: 3.7/4.0**   Sept 2016-present

Candidate for a Master of Science in Information Assurance and Cybersecurity   Expected graduation: Dec 2018

Related Courses: Foundation of Information Assurance, Computer system Security,
Information system forensics, Network security practices,
Security Risk Management & Assessment

VELLORE INSTITUTE OF TECHNOLOGY, Tamil Nadu, India

School of Information Technology and Engineering, **GPA: 3.7/4.0**   Graduated May 2016

Bachelor of Technology in Information Technology

Related Courses: Network and Information Security

TECHNICAL KNOWLEDGE

Language:	C, C++, Java, JavaScript (Node JS), HTML, Swift, Objective C, Python, High Level Assembly
Operating System:	Mac OS, Windows 7-10, Kali Linux, CentOS, Ubuntu
Tools:	Wireshark, FileZilla, NetWitness Investigator, Aircrack-ng, OpenVAS, Splunk, Suricata, Metasploit, FTK Imager, ProDiscover, SANS SIFT, Sleuth Kit, Autopsy, Xplico, VMware Workstation, Nessus, Burp Suite
Security Standards:	PCI DSS

ACADEMIC PROJECTS

Technical paper   Fall 2016

- "Implementing the Bell LaPadula model using homomorphic encryption", which provides more security to company data by using RSA encryption and access control lists.

Web Application attacks   Spring 2017

- Discovered several security issues in WebGoat, Gruyere and DVWA and conducted several attacks using various attack vectors in order to better understand web application attacks.

Denial of service payloads   Summer 2017

- Created several payloads for Denial of Service attacks in order to help system administrators and ethical penetrations testers to conduct attacks. (URL: https://github.com/SkySecCoder/Simple-Forkbombs---DOS)

WORK EXPERIENCE

Northeastern University, Boston, MA   Sept – Dec 2017

Graduate Teaching Assistant

- Assisted in designing labs and assignments.
- Responsible for grading assignments, class participations and laboratory exercises.

Clinchpad Technologies, Gurgaon, India   Feb – May 2016

Software Developer Intern

- Developed an iOS application for a social networking and ecommerce website, to maximise consumer base and retail options.

Polaris Consulting & Services Ltd., Gurgaon, India   Dec 14 – Jan 2015

Software Tester Intern

- Found flaws in 2 projects that were being done by Polaris Consulting & Services Ltd. at the time by examining the code, to increase product efficiency and value.

HCL Technologies, Gurgaon, India   June – July 2015

Software Engineer Intern

- Developed a Telephone Billing System using Ajax, PHP and JavaScript which increased Hindustan Computers Ltd. Company (Gurgaon branch) productivity.

INTEREST/ACTIVITIES

- Technical head of the Institute of Engineers India (IEI) Vellore chapter- conducted various workshop for students.
- Volunteered with an NGO called Prayas, and worked with them in two villages in Rajasthan to teach the local children.