

ALISHA GUPTA

M.Tech (Cybersecurity), NIT Kurukshetra

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OBJECTIVE

To enhance my mental and creative skills via working in a dynamically progressive industry that uses my skill set efficiently and thus feeding my knowledge to my sub-ordinates.

EDUCATIONAL QUALIFICATIONS

INSTITUTION	COURSE/EXAMINATION	PERFORMANCE	YEAR
National Institute of Technology, Kurukshetra	M.Tech(Computer Engineering-CyberSecurity)	CGPA 8.8/10	2017
MDU, Rohtak	B.Tech(Computer Engineering)	82.36%	2015
SMP School, Rohtak	Class XII	90%	2011
SMP School, Rohtak	Class X	90%	2009

PUBLICATIONS AND TECHNICAL DETAILS

- Alisha Gupta, B.B. Gupta, "**HoneynetTrap: Framework to Detect and Mitigate DDoS Attacks using Heterogeneous Honeynet**" paper presented in **6th IEEE International Conference on Communication and Signal Processing- ICCSP' 2017**.
- Alisha Gupta, B.B. Gupta, "**Assessment of Honeypots: Issues, Challenges and Future Directions**" paper submitted in **International Journal of Cloud Applications and Computing (IJCAC)**.
- Technical Program Committee Member** in Fourth International Conference on Parallel, Distributed and Grid Computing (PDGC 2016).
- Part of the on-going live project "**Defending Distributed Denial of Service (DDoS) Attacks using Dynamic Resource Ownership and Economic Incentive Based Solution**" funded from SERB-DST, Govt. of India.
- Active Volunteer and participant on **CyberSec-2016** (National level two day workshop) held at NIT Kurukshetra.

PROJECTS UNDERTAKEN

[2015-2017]

- Doing research work in topic entitled "**Honeypot Technology in mitigating Distributed Denial of Service (DDoS)**" as M.Tech dissertation.
- Undertaken the project on Attack Detection and Prevention to analyze the traffic to get the knowledge of attack traffic using the concept of Attack Graph.

TECHNICAL SKILLS

- Programming Languages:** C, C++,Java.
- Operating System:** Linux-(Kali, Ubuntu) ,Windows XP, 7, 8,10
- Web development:** HTML, XML, CSS and JavaScript.
- Technical packages and environment:** Matlab-11, Eclipse, Android studio, NS2, OMNeT++ .
- Information Security:** Firewall, IDS, IPS, Denial of Service attack, Honeypot Technology, Phishing, Cyber Forensics ,Cross Site Scripting attack and Detection ,SQL Injection attack Detection, Cryptosystem, Cloud Computing, IOT.
- Database:** MYSQL

INTERNSHIPS

- DCM**
Has done 4 months internship (Practical Training) in DCM Data Systems , Gurgaon.

ACHIEVEMENTS/EXTRA CO-CURRICULAR ACTIVITIES

- Received offer letter from company LUCIDEUS (NIT Kurukshetra).
- Department rank- 1 in Computer Engineering (CyberSecurity), Mtech, NIT Kurukshetra.
- Participated in Techspardha exhibition(Annual Technical Fest).
- Received offer letter from company AON HEWIT in final year Btech.

- Department rank -3 in Computer Science Engineering , Btech 1st and 2nd year, MDU Rohtak.
- Scored 97 percentile in GATE-2015(Computer Science).
- Awarded as the Best Student of year in class XII.
- Won many prizes in drawing, art and craft competition at various levels (State and District).

POSITIONS OF RESPONSIBILITIES

- Part of Organizing Committee –CyberSec-2016(National level workshop) held at NIT kurukshetra.
- Girls Head (GH) –Student Activity Center (SAC), MDU Rohtak. *[August, 2011- May, 2015]*

OTHER SKILLS & INTERESTS

- Quick learning skills, analytical ability and leadership quality.
- Hobbies – Cooking, Painting, Solving Sudoku.

REFERENCES

- Dr. B.B. Gupta
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