

Apurv Singh Gautam

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LinkedIn

Portfolio

EXPERIENCE

- **Georgia Institute of Technology** Atlanta, US
Graduate Teaching Assistant Aug 2019 - Present
 - **Course:** CS 6250-001 Computer Networks
 - **Work:** Managing projects, grading, and doubts solving
- **Volon Cyber Security Pvt. Ltd., Pune** Pune, India
Security Research Intern May 2018 - May 2019
 - **Area:** Threat Intelligence - Obtaining Intelligence from hack forums and dump shops
 - **Work:** Scraping dark web forum data and dump shops, making data collect system for threat indicators and automating the collection process.
- **I-Medita, Pune** Pune, India
Trainee Feb 2018 - May 2018
 - **Area:** Cisco Networking
 - **Learning:** Training for Cisco Certified Networking Associate (CCNA) with 90% practical approach.
- **Lucideus Cyber Space, Delhi** Delhi, India
Security Trainee Dec 2014 and Dec 2016
 - **Area:** Security Basics, Networking, Pentesting
 - **Learning:** Networking Basics, Digital Footprinting, Email Security, System Security, Wireless Security, WAPT, and Network Pentesting.

SKILLS

- **Programming:** Python, Bash, Java, C, C++
- **Security:** Threat Intelligence, Network Security, Penetration Testing, Red Teaming

EDUCATION

- **Georgia Institute of Technology** Atlanta, US
Master of Science in Cybeseurity (M.S.) 2019 - Expected 2021
- **Symbiosis Institute of Technology** Pune, India
Bachelor of Technology in Information Tehcnology (B.TECH); CGPA: 8.63 2015 - 2019
- **The Aryan International School** Varanasi, India
Intermediate, Central Board of Secondary Education (CBSE); Score: 93.8% 2014 - 2015
- **St. Joseph's Convent School** Varanasi, India
High School, Indian Certificate of Secondary Education (ICSE); Score: 87% 2012 - 2013

PUBLICATIONS

- Kamat, Pooja, and **Apurv Singh Gautam**. "Recent Trends in the Era of Cybercrime and the Measures to Control Them." In Handbook of e-Business Security, pp. 243-258. Auerbach Publications, 2018. First Edition by CRC Press - Taylor & Francis Group

PROJECTS

- **Hacker Forum Exploit and Classification for Proactive Cyber Threat Intelligence:** Research project that utilizes hacker forum data for proactive cyber threat intelligence. This project employs state-of-the-art machine learning and deep learning approach to automatically classify hacker forum data into predefined categories. Project Guide - Prof. Pooja Kamat. [[Research Project](#)]
- **Anonymous Traffic Network:** A research paper describing the Onion routing concept, its working, and security issues. [[Paper](#)]
- **Question Mark:** Python web application that aims to serve as a platform where people can ask questions, share valuable knowledge and devise reliable solutions by answering the queries. The idea is to bring the knowledge from peoples head to a far-reaching platform where they can share and others can learn. Flask Python Framework is used. [[Project](#)]
- **Unnati (SPEP):** Skilled People Employment Portal is a responsive Java web application that provides employment to skilled village people. HTML, CSS, JavaScript and Bootstrap is used for front end. Java Servlets and JSP is used for back end. [[Project](#)]
- **UserCred Hack:** Combination of several python application that grabs user credentials. Contains clipboard hijacking, keylogger and chrome password hijacking. Pyperclip, win32crypt, pythoncomm & pyHook modules are used. [[Project](#)]
- **Reverse HTTP Shell:** Python application that is used to get connection of client to the server using HTTP protocol. BaseHTTPServer module is used. [[Project](#)]

ACHIEVEMENTS

- **Best Outgoing Student Award - Symbiosis Institute of Technology, Pune, India:** Awarded as the Best Outgoing Student from B.Tech Information Technology 2015-19
- **DRDO Cyber Challenge - DRDO, Governemnt of India:** Received Certificate of Achievement for securing 45th rank out of 1489 participants in DRDO CTF challenge. [[Link](#)]
- **Excellence Award - Symbiosis Institute of Technology, Pune, India:** Received Academic Excellence Award for securing third position in second year of B.Tech in Information Technology branch.
- **PICT CTF Challenge - PICT, Pune, India:** Won the CTF challenge conducted in PICT college.
- **Excellence Award - The Aryan International School, Varanasi, India:** Received Academic Excellence Award for securing highest percentage in Science(Math) stream in CBSE Intermediate.

CERTIFICATIONS

- **CompTIA Security+ 501 by CompTIA:** License RHVTCJGEZLB11630 (Feb 2019 - Feb 2022) [[Link](#)]
- **Computer Forensics by RITx:** License d30d8c0584244987a0d06fc904a4ca99 (July 2017) [[Link](#)]
- **Cybersecurity Fundamentals by RITx:** License c37e4ae5dcc044e8a340d4b27829c1d5 (July 2017) [[Link](#)]
- **Lucideus Certified Ethical Hacker Grade 2 by Lucideus, New Delhi:** License LCEH2/16102 (Dec 2016) [[Link](#)]
- **Lucideus Certified Cyber Security Analyst Grade 1 by Lucideus, New Delhi:** License LCCSA2614 (Jan 2015) [[Link](#)]

EXTRA-CURRICULAR

- Conducted Git & Virtualization Buddy Session for third year Computer Science students of SIT.
- Conducted NS3(Network Simulator) Buddy Session for third year Information Technology students of SIT.
- Conducted a Cyber Privacy Seminar at MITCOE Pune on behalf on Logout - Privacy Seminar. [[Link](#)]
- Delivered a talk on "Bitcoin Forensics" at Null Pune chapter meet. [[Link](#)]
- Delivered a talk on "OSINT" at Null Pune chapter meet. [[Link](#)]
- Delivered a talk on "Intorduction to VAPT" at Null Pune chapter meet. [[Link](#)]
- Delivered a small talk on Security News at Null Pune chapter meet. [[Link](#)]
- Conducted a one day workshop on Cyber Security Awareness at Symbiosis Institute of Technology, Pune, India.
- Conducted a two day workshop on Cyber Security Awareness at The Aryan International School, Varanasi, India.