

Ansh Chandnani

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EDUCATION

Drexel University

September 2019 - June 2023

B.S. in Computing and Security Technology

Cumulative GPA: 3.95/4.0

Relevant Coursework: Computer Forensics, Windows Server Management, Database Management Systems, Web Systems & Services, Python Programming, Social Aspects of Information Systems, Discrete Mathematics

WORK EXPERIENCE

Susquehanna International Group

Philadelphia, USA

Incoming Cybersecurity Coop

September 2020 - March 2021

- Will be working with the Firewall Services team in securing internal infrastructure and preventing external threats.

STAR Scholars, Drexel University

Philadelphia, USA

Cybersecurity Research Intern

July 2020 - September 2020

- Developing an **ontology** model to store **Industrial Control System (ICS) vulnerabilities**.
- Researching on ICS systems and their threats using a **Ethical Hacking** methodology.
- Working with **Python** for data collection and management and **Protege** for building the ontology.

Kyrion Technologies, Microsoft Training Association

Kolkata, India

Cybersecurity Intern

June 2019 - July 2019

- Worked on Fundamental Security Methodologies including **Network Management, Vulnerability Analysis, and basic Penetration Testing**
- Developed and used exploits for **Man In The Middle, Cross Site Scripting, Dictionary based, & Phishing attacks**
- Presented conclusive research analysis on **Hash Functions** used on industrial scales

Young Leaders for Active Citizenship, Instagram

Kolkata, India

Fellowship

June 2018 - September 2018

- Led social campaigns in association with Instagram on topics of Gender Equality, Mental Wellbeing, and Body Positivity
- **Influenced roughly 25,000 people**, based on data provided by Instagram, from the ages of 12 to 21 all across India.

SKILLS

Security	Nmap, JohnTheRipper, Wireshark, Burpsuite, Aircrack-ng, Crunch
Programming	Python, C++, Bash, JavaScript, PHP, SQL
Operating Systems	Linux (Ubuntu, Arch, Kali), Windows Server, MacOS
Tools & Technologies	Git, Windows Powershell, Vim, L ^A T _E X

PROJECTS

- **BabyRSA** - A cybersecurity tool coded in python that **decodes RSA Encryption based on three given variables**
- **OfflineCaesar** - A nifty python script to **brute force Caesar Ciphers**. Useful tool in Capture The Flag competitions.
- **SpyFi** - **Wifi and Network monitoring tool** written in python using the *os* module. Utilizes the **Aircrack-ng** suite.
- **Oracle SQLizer** - Python script that uses RegEx and iteration to create SQL INSERT statements while managing data types from an inputted CSV file.
- **SSL Strip** - Utilized *SSLStrip* by Moxie Marlinspike to lead attacks on dedicated target machine. Used concepts of **Networking, Port Forwarding, and Passive Reconnaissance**.

CERTIFICATIONS

- Security Fundamentals, Microsoft Training Association (2019 - 2024)
- Network Fundamentals, Cybrary

INVOLVEMENTS & ACHEIVEMENTS

- Member of Drexel Cyberdragons (Cybersecurity club)
- Active member of HackTheBox (@mrdebator) & VulnHub
- Competed in Collegiate Cyber Defense Competition 2020 (Windows Defense Team)
- Competed in National Cyber League Spring 2020
- Participated in Google Codefest 2019