

Ansh Chandnani

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EDUCATION

Drexel University

September 2019 - June 2023

B.S. in Computing and Security Technology

Cumulative GPA: 3.93/4.0

Relevant Coursework: Database Management Systems, Computer Forensics, Windows Server Management, Web Systems & Services, Discrete Mathematics

WORK EXPERIENCE

- **STAR Scholars - Drexel University** Philadelphia, USA
Incoming Cybersecurity Research Intern *July 2020 - August 2020*
 - Will be working on **Cyber Threat Intelligence Ontologies** & developing a **linked data model** with Prof. Heverin
- **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, and Phishing attacks**
 - Presented conclusive research analysis on **Hash Functions** used on industrial scales
- **Young Leaders for Active Citizenship, Instagram** Kolkata, India
Fellow *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, Java, JavaScript, PHP, SQL
Operating Systems	Linux (Ubuntu, Arch, Kali), Windows Server, Mac OSX
Tools & Technologies	Git, Windows Powershell, L ^A T _E X

PROJECTS

- **SpyFi - Wifi and Network monitoring tool** written in python using the *os* module. Utilizes the **Aircrack-ng** suite.
- **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.
- **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 & ACHIEVEMENTS

- 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