

# Ansh Chandnani

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## EDUCATION

### Drexel University

September 2019 - June 2023

*B.S. in Computing and Security Technology*

*Cumulative GPA: 3.96/4.0*

**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

*Cybersecurity Coop - Firewall Team*

*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*

- Explored how ontologies and semantic graphs can be used to secure Industrial Control Systems.
- Developed an ontology using Protege to model threats, vulnerabilities, and exploits among other vital information from an Ethical Hacking standpoint.
- Created unique SPARQL queries to filter and organize data for various competency questions.

### 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 <sup>A</sup> T <sub>E</sub> 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