Smrithi Pyari Lal

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 Smrithi-Pyari-Lal | smrithipyarilal | Devpost: sp3573

EDUCATION

Drexel University, Pennsylvania, USA   June 2023
Bachelor of Science, Computer Science
Concentration, Computer Security

Cumulative GPA : 3.75 / 4.0

Relevant Coursework:

Calculus I, II, III	Linear Algebra I
Computer Programming I, II, III	Informatics and Design I, II, III
Advanced Programming Techniques (CS 265)	Mathematical Foundations of CS (CS 270)
Introduction to SE (SE 181)	Human-Centered Design (INFO 310)

EXPERIENCE

Shibaura Institute of Technology, Tokyo   June 2018 - August 2018
Artifical Intelligence Development Intern

- Created an **AI robot to detect obstacles** by observing use case in robotics and self-driving cars.
- Worked with URG sensor, and **presented extensive test cases at Annual Shibaura conference**.

SKILLS

Programming languages - Python, HTML5, CSS3, Racket, JavaScript
Work Authorization - Authorized in the United States through CPT; Part-time work authorization in Japan
Spoken Languages - Japanese (JLPT - N3 Completion), English, Hindi

PROJECTS

National Cyber League (NCL)   March 2020

- Completed all challenges from **OSINT, Password Cracking, Enumeration and Exploitation and Log analysis** in Individual game.
- Placed in **silver bracket** for Spring preseason game and was among **top 10** participants at Drexel.
- Ranked **fifth** in the Individual game for Spring season

loveLang — *DragonHacks 2020 Winner*   Feb 2020
devpost.com/software/lovelang

- A Google Chrome extension that smartly **replaces words on the websites you browse with words from a new language** that you want to learn - so that you learn a new language as you browse the web.
- Built using **Google Translate API, Javascript, Express and MongoDB**.

PicoCTF   Oct 2019

- Completed challenges from fields such as **cryptography, cyber forensics and web exploitation**.
- Manipulated vulnerable servers by using Kali Linux tools such as **Nmap, John the Ripper, Metasploit, Wireshark**.

ACHIEVEMENTS

- Drexel University - **Dean's list (Fall-Winter 19-20)**
- IISJ - Best in Mathematics (2018)

SOCIETIES

- Drexel computer science and cyber security group member - **Cyberdragons (2019)**
- Women in Computer Science (2019-20)
- Volunteer service - Hands on Tokyo (2017-19)
- Piano - Yamaha Level 6 completion (2018)