

Sriram Maramganti

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SUMMARY

Aspiring **Information Security Intern** with foundations in CS and cybersecurity. Skilled in C++, Python, and cryptography fundamentals; interested in network security, encryption, and secure systems. Long-term meditation practitioner (since 2021) with strong focus and calm under pressure.

EDUCATION

University of Houston

B.S. in Computer Science, Cybersecurity Concentration

Houston, TX

Expected May 2028

PROJECTS

MedLog Tracker — C++

Apr 2025

- Built a C++ app to track medication schedules/dosages with input validation and structured records.
- Added a Chrome extension concept for background alerts to improve adherence.
- Created test scenarios and debugged for reliability and correct alert behavior.

Student Record Manager — C++

May 2025 – Present

- Designed a CLI tool using OOP to manage student data (add/view/update/delete/search).
- Implemented basic access-control logic and an ASCII menu for safe, structured interaction.

WORKSHOPS & CERTIFICATIONS

TryHackMe

Cybersecurity Fundamentals Workshop

Remote

Present

- Core security concepts: threats, vulnerabilities, exploits, basic risk management.
- Networking essentials: IP/ports/protocols, packets; intro traffic inspection.
- Linux/CLI basics: users/permissions, filesystem, common admin commands.
- Web app security overview (OWASP Top 10: SQLi, XSS, auth flaws) and safe coding.
- **Tools:** Nmap, Wireshark, Burp Suite, Hydra; **Skills:** vuln ID, remediation, secure config.

GenerationTech Program

Plano, TX

JPMorgan Chase

2023

- Built solutions aligned to UN SDGs with security awareness and mentoring from **JPMorgan Chase** engineers.

Caesar Cipher Workshop — Python

Plano, TX

JPMorgan Chase

2023

- Implemented Caesar cipher encrypt/decrypt; gained fundamentals of classical cryptography.

VOLUNTEERING

Heartfulness Meditation Initiatives

Plano, TX

Heartfulness

2022 – Present

- Maintain Dallas Heartfulness Center website; assist with event setup and weekly sessions.
- Coordinate with youth volunteers to deliver organized, safe community activities.

Leader, Allen PB&Joy

Allen, TX

Allen High School

2023 – 2024

- Led efforts delivering 300–400 sandwiches to a Dallas soup kitchen via student coordination.

TECHNICAL SKILLS

Languages: Python, C++, HTML/CSS

Developer Tools: Git, VS Code

Security/Tools: Nmap, Wireshark, Burp Suite, Hydra (workshop exposure)

Soft Skills: Team communication, time management, meditation/focus