

# 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** Houston, TX  
*Expected May 2028*  
*B.S. in Computer Science, Cybersecurity Concentration*

## 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** Remote  
*Present*  
*Cybersecurity Fundamentals Workshop*  
– 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  
*2023*  
**JPMorgan Chase**  
– Built solutions aligned to UN SDGs with security awareness and mentoring from **JPMorgan Chase** engineers.

**Caesar Cipher Workshop — Python** Plano, TX  
*2023*  
**JPMorgan Chase**  
– Implemented Caesar cipher encrypt/decrypt; gained fundamentals of classical cryptography.

## VOLUNTEERING

**Heartfulness Meditation Initiatives** Plano, TX  
*2022 – Present*  
**Heartfulness**  
– 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  
*2023 – 2024*  
**Allen High School**  
– 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