Samai Patel

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EDUCATION

University of Maryland, College Park **Expected Dec. 2024**

Bachelor of Science in Computer Science, Minor in Cyber Security *GPA: 4.0*

Honors College – Advanced Cybersecurity Experience For Students (ACES)

Coursework: Applied Cybersecurity, Computer Science, Project Management, Foundations of Cybersecurity

LANGUAGES/TECHNOLOGIES/ CERTIFICATIONS

Languages: Java, C++, Python **Technologies:** Wireshark, Powershell, UNIX, Linux, GIT, MS Office

Comp Tia Security+ September 2021-In progress ▪ Studying the framework and methodology of penetration testing

EXTRACURRICULAR/WORK EXPERIENCE

Cyber Security Club **Sep. 2021 - Present**

- Utilized and learned basics of Linux in order to prepare for CTF's and Cyber Competitions

Google Developer Student Club **Sep. 2021 - Present**

- Strengthening interpersonal communication skills by innovating solutions to security-related issues for local businesses
- Pioneered a plan to educate the local community on how to safeguard their privacy online

SAT Math Tutoring **Aug 2019 - Aug 2021**

- Awarded the Honor of Student of the Year through tutoring excellence
- Specialized in Algebra related problems as a tutor for 5 student athletes in highschool
- Developed and delivered teaching techniques to help other students better understand course content

Honors Ambassador **Sep. 2021 - Present**

- Represent 1000 Honors Students at open houses, question and answer panels and recruitment for prospective students

PROJECTS

Authorization

- Created users and assigned individual access to resources based on each users' authorization in PowerShell
- Set up authentication using active directory policies and prevented changes to resources by internal users not authorized

Network Project

- Generated network traffic using Telnet, File Transfer Protocol and Remote Desktop Protocol
- Captured data that was previously analyzed in various projects, using Wireshark
- Analyzed data captured in Wireshark using NetWitness Investigator

Vulnerability

- Scanned virtual networks using Nmap commands in Zenmap
- Conducted vulnerability assessments using Nessus to determine if the networks were vulnerable to any malicious attacks

Covid Project

- Strengthened leadership skills by serving as a project manager in the development of a Covid Vaccine Side Effects Website
- Led 9 students through the creation of a charter and project plan for successful completion of our website

LEADERSHIP

ACES Student Board **Sep. 2021 - Present**

- Lead event planning process to maximize educational and social growth in ACES students through workshops
- Represent 150 ACES students at Honors College Planning, Board meetings, and Town Hall debriefs

Future Business Leaders of America President **Aug. 2020 - Aug. 2021**

- Oversaw event planning and facilitated competition preparations for underclassmen
- Represented 45 FBLA students at functions including State/National Competitions and Weekly Board Meetings

Academic Captain – Basketball Varsity Team ▪ Had highest GPA in mens varsity history **Sep. 2019 - Mar. 2021**

- Started team tutoring sessions, and expanded to all Varsity and JV sports
- Created an operation of over 50 students and 40 tutors participating from various clubs

HONORS

Honors- ACES Student of The week, Scholar Athlete Award, Seeds of Hope , UMaryland Presidential and Al Cesky Scholarship