Akash Jauhar

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HOFSTRA UNIVERSITY

Fred DeMatteis School of Engineering and Applied Science   Graduated, December 2020
Bachelor of Science in Computer Science and Cybersecurity
Minors: Business and Design, Computer Applications and Digital Media Design

Selected Coursework: Algorithms & Data Structures, Web Application Development, Data Communications & Networking, Cybersecurity for Everyone, Methods of Random Process, Software Engineering, Fundamentals of Cybersecurity, Programming Languages Concepts, Systems Programming, Mobile Device Programming, Network Security, Ethical Hacking, Text Mining, Assembly Programming

Campus Involvement and Achievements: Hofstra University Computer Science Society Member, Upsilon Pi Epsilon Computer Science Honor Society Member, (ISC)[2] Long Island NY Chapter Member, Hofstra University South Asian Students Association

TECHNICAL SKILLS

- <u>Programming Languages</u>: Python, C#, F#, C, C++, HTML, CSS, Java, JavaScript, SQL, Perl, Swift, Rust

- <u>Technical:</u> Burp, Wireshark, Vim, Cryptography, Cross-Site Scripting, Penetration Testing, Tableau, APIs, MongoDB, Signal Science, Snyk, HackerOne, Google Data Studio, Slack Integrations, Linux, Jira, GitHub, Metasploit, Offensive Security Tools, Firebase

- <u>Languages:</u> English (Fluent), Hindi (Conversational), Spanish (Basic Conversational)

PROJECTS

2018 Code For Good Hack-a-Thon Sponsored by JP Morgan Chase   Chicago, IL
Built a web application using MySQL, CodeIgniter (PHP), HTML and JavaScript for a non-profit organization. Worked closely with software engineers at JP Morgan to accomplish the different obstacles and goals during the 24-hour period.

2019 Innovation Roadshow: University Hackathon Hosted by Altice USA, Infosys & Google Cloud   Bethpage, NY
Designed and developed a web application using HTML and JavaScript libraries geared towards the disabled and impaired community.

2020 Senior Design Project: Arduino Tracker   Hempstead, NY
Worked on creating an Arduino tracker using both components of hardware and software in a team of 3 people. Implemented the principles of project management and utilized agile software development over the course of 2 semesters.

EXPERIENCE

WW (Formerly Weight Watchers)   New York City, NY
Cybersecurity Intern   June 2020 – July 2020

• Worked on a cybersecurity team which had a focus towards the traditional red team approach.
• Built 2 new integrations for the team which enabled me to learn about several tools used in the field and the industry standards.
• Designed and implemented 2 dashboards using Google Data Studio to help the team visualize and track their progress used in vulnerability management for a higher-level and an in-depth analysis. Dashboards exhibited the different types of findings based on numerous unique metrics used in managing vulnerabilities reported by external and internal pen testers.
• Integrated new and robust features to an existing slack tool developed by the security team through the help of API calls and python functionalities.
• Involved in triaging issues as well as performed some lightweight pen testing on WW applications using burp and other tools.

MSC Industrial Supply Co.   Melville, NY
Business Intelligence & Data Warehouse Intern/Coop   June 2019 – January 2020
• Closely worked with the BI/DW and Product/Category Performance Teams to develop a series of analytical visual dashboards for the associates, consumers, vendors and suppliers using Tableau.
• Actively attended meetings with Product / Category Performance Team to focus on understanding their current challenges and how visual analytics in Tableau can help automate existing analysis and uncover new opportunities for the business.
• Involved in a new to integrate the KnowBe4 phishing stimulation tool with SuccessFactors learning programs. This integration will allow the security team to send remedial trainings to associates after failing the multiple phishing stimulations attacks.
• Helped in developing a solution for the security team to track, monitor and document associates who report phishing emails through the outlook phish button. Added functionalities to allow the security team to respond better to reported phish events.

The Coder School   Syosset, NY
Coder Coach   November 2017 – April 2019
• Taught Python, HTML, Java, drag and drops programs like Scratch to students from ages 7-14 in a 2:1 ratio of students

SCHOLARSHIPS & AWARDS

USENIX 2019 Enigma Conference: Security and Privacy Ideas That Matter   San Francisco, CA
Sponsored by Facebook to attend and participate in the 3-day conference. Networked with several Fortune 500 companies. Gained knowledge about numerous security and privacy related topics and issues. Also, toured and spent a day at the Facebook headquarters in Silicon Valley.

CodePath/Facebook Cybersecurity Certification
Participated in capstone capture the flag competitions and worked on different platforms to interact with several security vulnerabilities.