Mosrour Tafadar

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EDUCATION

University of Illinois at Chicago (UIC) – Chicago, IL   May 2023
Bachelor of Science in computer Science, Minor in Statistics
Gpa: 3.61/4.00

SKILLS

Languages: C++, C, Bash, Python, SQL, SPL
Security Tools: Splunk, Burp Suite, Wireshark
Certification: Splunk Core Certified Power User, Application of the MITRE framework, AWS Solutions Architect (On going)
Operating System: Linux, Microsoft Windows, MacOS
Cloud Platforms: Amazon Web Service, Microsoft Azure, Docker

WORK EXPERIENCE

Security Operation Intern–Workiva   August 2022 – Present
• Assist to triage and resolve production incidents related to the cloud platform and participated in root cause analysis
• Collaborate with other teams to address problems from incident response and implement long term solutions
• Enhance software tools coverage to improve monitoring, and automation with focus on security
• Utilized monitoring tools like Splunk to track system health and proactively resolve issues

Software Engineer Intern–Discover Financial Service   June 2022 – August 2022
• Executed pre- and post-performance tests for multiple APIs to establish baselines and measure improvements
• Established test goals, criteria, and used diverse testing methods to assess API performance
• Verified API performance in real-world sceneries by conducting comprehensive performance test

Security Operation Intern–Workiva   January 2022 – June 2022
• Analyzed security events using SIEM tools such as Splunk to detect and respond to potential security threats
• Contributed to the creation maintenance   of security documentation, such as Standard Operating Procedures (SOPs)
• Assisted in incidents response, collaborating with cross-functional team to address and resolve security incidents

Client Solution Specialist – University of Illinois at Chicago   January 2021–January 2022
• Efficiently resolved a wide range of client ticketing issues, including escalated IAM, VPN, and laptop security concerns
• Consult with clients, and personnel in other departments to resolve issues
• Provided on-call support as needed, swiftly addressing, and resolving urgent technical issues

PROJECTS

Recommendation (Inspired by how Netflix recommendation algorithm works)–github
• Wrote a C++ program that can predict people's preferences about books, movies, anime and music.
• Developed a mathematical formula and transferred into an algorithm that can be applied to any user in a database.
• Created better prediction considering ratings from the user by comparing with other user ratings.

Search (Inspired by how Google search engine works)–github
• Wrote a C++ console program that allows the user to enter many search queries and retrieve the matching web pages.
• Built an inverted index by processing the entire document and then catalogued where each word was located.
• Developed a method for users to search a single term or a compound sequence of multiple terms.

ORGANIZATIONS

LOGICA, UIC   May 2020 – May 2023
Vice President
• Communicate with Students Activities Office regarding club's budget, analyze regular report and manage club funds.
• Improved number of active members and regular activities in club.