

Mosrour Tafadar

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EDUCATION

University of Illinois at Chicago (UIC) – Chicago, IL
Bachelor of Science in computer Science, Minor in Statistics
Gpa: 3.60/4.00

Expected: May 2023

SKILLS

Languages: C++, C, Bash, Python, SQL

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

- Use the MITRE ATT&CK framework to evaluate the current tools and coverage in Workiva platforms
- Lead the endpoint coverage Inventory project to analyzed current endpoint tools and close gaps.
- Developed automated biweekly custom reports for SOC health analysis using Workiva chain and SQL.

Software Engineer Intern–Discover Financial Service

June 2022 – August 2022

- Worked on the loans teams to build new features where users can pay their loans in a weekly basis
- Created pre and post-performance test for various APIs
- Improved the payment processing button to show the user when next payment is due

Client Solution Specialist– University of Illinois at Chicago

May 2021–June 2022

- Provide support for the configuration, deployment, and support of systems including computing servers.
- Consult with clients, and personnel in other departments to resolve issues.
- Administer network and data security, email security, antivirus, firewalls etc.

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.

Baccarat Game–[github](#)

- A game that mirrors the classic Baccarat casino game with animations and transitions.
- Anyone can join from anywhere with port number and IP address to bet money on Players, Bankers or Draw.

ORGANIZATIONS

LOGICA, UIC

May 2020 – Present

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.