

Arshpreet S Aneja

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EDUCATION

Rochester Institute of Technology

B.S., Computing and Information Technologies, Concentration in Database Management

December 2024

Rochester, NY

- GPA: 3.6/4.0

- Dean's List

Fall 2021 - Spring 2022

Relevant Coursework: Database Connectivity and Access, Information Requirements and Data Modeling, Introduction to Statistics I, Data Warehousing, Data Mining and Exploration, Data Application Development.

SKILLS

- **Programming Languages:** Python, Java, Bash, HTML5, CSS, JavaScript, SQL.
- **Software:** Git, VMWare, VS Code, JGrasp, Bomgar, Ivanti, Azure Devops, SQL Foundational Server.

PROJECTS

Ecommerce Website Concept, Team Size: 5

Fall 2022

- Collaborated with my team members to create user stories and sprint plans in Azure DevOps.
- Designed the UML diagram as the appointed Database Architect and recommended AWS as the host for the ecommerce website since it's a reliable, scalable, and online platform.

Packet Capture Analysis Tool (Python), Team Size: 3

Fall 2021

- Filtered the raw text file so that only ICMP Echo Request and ICMP Echo Reply remained.
- Parsed each packet that way the necessary fields remained in the filtered text file.
- Computed data size, round trip time, request throughput, request goodput, average reply delay, and average number of hops per echo request on a per node basis.
- Used to analyze network activity and introduce network components like load balancing and new routes through the network.

WORK EXPERIENCE

ESL Federal Credit Union

December 2022 – Present

Data Management Intern

Rochester, NY

- Contributed to the delivery of 8 successful releases within an Agile team, utilizing Kanban and Scrum methodologies, and leveraging effective communication for driving efficient development processes.
- Tested Logical & Physical Models, Business Dimensional Models, Databases in different environments, Source to Target Mappings, and Guided Adhoc when revising new releases. Contacted different teams regarding disparities which led to achieve data consistency.
- Implemented a new testing process that verified descriptions, attributes, and diagrams for dimensions and facts in the Business Dimensional Model, resulting in increased accuracy.

Rochester Institute of Technology

August 2021 – December 2022

Course Assistant

Rochester, NY

- Assisted 35 students per course in entry-level programming courses for Python, Java, and SQL at RIT, providing help with homework, in-class material, and test preparations.
- Provided individualized tutoring, and delivered feedback on assignments and assessments to help students succeed resulting in an average increase of 10% in test scores.
- Received positive feedback from both the professor and students for providing effective assistance.

ESL Federal Credit Union

May 2022 – August 2022

Systems Support Intern

Rochester, NY

- Provided technical support for 23 branches and headquarters by resolving software and hardware issues through ticket management. This helped me strengthen my technology knowledge and troubleshooting abilities.
- Successfully configured over 100 laptops and computers, updated and re-deployed TMagic Scanners, and fingerprint readers to meet with ESL's Security Standards.
- Coordinated branch maintenance with the PC Technicians and successfully upgraded equipment for 9 branches.