Marc Tyler Rizzolo

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EDUCATION

Rutgers University   New Brunswick, NJ
Bachelor of Arts in Computer Science   *Jan. 2022 – May 2024*

Seton Hall University   South Orange, NJ
Bachelor of Science in Business Administration   *Aug. 2013 – May 2017*

EXPERIENCE

Contract Administrator   March 2019 – January 2022
PBF Energy   *Parsippany, NJ*
- Facilitate timely generation of commercial bulk and wholesale contracts and amendments for spot and term transactions.
- Prompt review and response to counterparty and broker requests.
- Communicating directly with clients and sending emails to customers and counterparties, filing, scanning, and uploading of contracts to designated storage repositories.
- Liasie with credit department to ensure correct counterparty credit profile is captured on all transactions.

Store Manager   September 2017 – March 2019
GameStop   *Boonton, NJ*
- Lead and motivated a team of 7 associates, ensuring effective communication and collaboration.
- Supervised day-to-day store operations and consistently resolved customer issues, achieving sales targets for 18 consecutive months through strategic customer engagement and service excellence.

Operations Internship   May 2017 – August 2017
Hampton Inn and Suites   *Fairfield, NJ*
- Streamlined operational processes, resulting in a 20% increase in efficiency and reducing process time by 15%.
- Revamped data management and analysis to boost operational efficiency by 30%.
- Collaborated across departments of over 100+ employees to implement process improvements.

PROJECTS

Mock Travel System | *SQL, Java, JSP, JDBC, HTML*   November 2023 – Present
- Developed and deployed highly efficient search algorithms in Java, resulting in a 30% decrease in average search time and improving overall user experience for flight reservations.
- Streamlined project deliverables with comprehensive diagrams and schemas, optimizing database design, and enabling seamless Java-based integration; reduced development time by 20% and improved system performance.

Photo Album | *Java, JavaFX, FXML, Android*   October 2023 – Present
- Developed a sophisticated user interface with JavaFX and FXML, integrating tag-based search functionality that improved user experience, leading to a 35% increase in search efficiency and user engagement for the application.
- Created custom profile classes and integrated Java libraries to manage photo storage and user profiles for over 1000+ photos.
- Engineered complex functionalities for the application, including real-time photo file manipulation and dynamic album management, to facilitate interactive and efficient user engagement.
- Successfully ported the JavaFX application to Android, utilizing Java and Android SDK for over 1000+ photos.

Lightweight File Transfer Application | *Python, socket, Tkinter*   August 2023 – Present
- Spearheaded improvements in data transfer consistency, facilitating over 500+ successful file transfers between devices.
- Implemented port mechanisms and network protocols to ensure secure, reliable file transfer over TCP/IP.
- Designed a user-friendly interface with Tkinter, facilitating easy navigation and control for file transfer operations.
- Optimized data packet handling to ensure high-speed file transfers with minimal latency.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C, HTML, CSS
Technologies: MySQL, Node.js, Git, React, MongoDB
Developer Tools: Object Oriented Design, Critical Thinking, Problem Solving, Verbal Communication, Software Engineering, Data Structures and Algorithms, Backend, Agile Methodologies, Database Management, RESTful APIs