

# Marc Tyler Rizzolo

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## EDUCATION

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### Rutgers University

*Bachelor of Arts in Computer Science*

New Brunswick, NJ

Jan. 2022 – May 2024

### Seton Hall University

*Bachelor of Science in Business Administration*

South Orange, NJ

Aug. 2013 – May 2017

## EXPERIENCE

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### Contract Administrator

March 2019 – January 2022

*PBF Energy*

1800 Hours - Parsippany, NJ

- Partnered with DevOps to deploy an automated contract generation system, streamlining over 10,000 large-scale transactions between leading energy firms like Shell and BP, boosting efficiency workflow by 25% within 2 years.
- Assisted in development of scripts for automated systems, improving contract template consistency/speed by 30%.
- Directed a comprehensive analysis and overhaul of contract processes, leading to a 20% surge in efficiency by identifying and eliminating bottlenecks, and optimizing workflow.
- Conversated daily with large-scale corporations, such as Shell and BP, regarding contract facilitation.

### Store Manager

September 2017 – March 2019

*GameStop*

1700 Hours - 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*

200 hours - 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

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### 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

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**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