

JERRY ARGUELLO

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<https://github.com/ProjectJerryLucasArguello>

EDUCATION

Passaic County Technical Institute

Computer Science

Wanye, NJ

Sep. 2019 – May 2023

New Jersey Institute of Technology

BS, Computer Science; GPA: 3.53/4 - Dean's List Recipient

Newark, NJ

Sep. 2023 – Present

PROFESSIONAL EXPERIENCE

Shop Rite

Technical Assistant

Passaic, NJ

Jan. 2023 – Dec. 2023

- **Improved data accuracy for scheduling and payroll systems by 10%** through meticulous record monitoring and maintenance
- Supported efficient stock management processes by verifying inventory data and reconciling delivery records.
- Provided technical support to team members, assisting with troubleshooting and database updates.

SELECTED PROJECTS

NJIT Finals Location Finder ([GitHub](#)):

- Developed a user-friendly web application using Flask, React, and MySQL to streamline the process of finding the locations of the final exams for students. **Reduced student search time for exam locations by 20%** by providing a centralized and efficient search platform.
- **Efficiently integrated data:** Utilized Jupyter Notebook and MySQL to streamline data processing and integration.
- **Enhanced user experience:** Implemented RESTful APIs and email notifications for seamless data access.

NFL Fullstack Website Search ([GitHub](#)):

- Built a dynamic application using Spring Boot, React, and PostgreSQL to manage and search NFL player statistics. **Enhanced user experience by implementing advanced search functionalities and optimizing database queries, resulting in a 15% reduction in response time.**
- **Developed robust search functionalities:** Implemented advanced search filters and CRUD operations for efficient data retrieval.
- **Ensured reliable backend performance:** Rigorously tested APIs using Postman.

TECHNICAL SKILLS

Languages: Java, Python, HTML/CSS, Javascript, Typescript, SQL

Frameworks: Node.js, React.js, Next.js, Express.js, Springboot, Flask, Tailwind, SQLAlchemy, PostgreSQL, MongoDB

Developer Tools: Git, Docker, Postman, MATLAB, Jupyter Notebook, IntelliJ, VSCode

EXTRACURRICULAR

Google Developer Group On: – Member

April 2024 – Present

- **Enhanced technical skills:** Actively participated in the developer community, collaborated on projects, and participated in peer-to-peer learning sessions.
- **Contributed to knowledge sharing:** Shared knowledge and best practices with fellow developers through active participation in discussions on full-stack project development.