

# JERRY ARGUELLO

Clifton, NJ

8624448076 | [jla44@njit.edu](mailto:jla44@njit.edu) | [linkedin.com/in/jerryarguello](https://www.linkedin.com/in/jerryarguello) | [github.com/ProjectJerryLucasArguello](https://github.com/ProjectJerryLucasArguello)

## EDUCATION

### New Jersey Institute of Technology

Newark, NJ

*Bachelor of Science, Computer Science; GPA: 3.53/4*

*Expected Graduation May 2027*

- Dean's List Recipient - Spring 2024

## SKILLS

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

**Frameworks:** Node.js, **React.js**, **Springboot**, Flask, Tailwind, **PostgreSQL**, MongoDB

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

### Relevant Course Work

*Foundations of Computer Science I (Java, Object Oriented Programming), Data Structures & Algorithms, Programming Language Concepts (C++), Introduction to Web Development (HTML/CSS), Designing the User Experience (UI/UX Design)*

## EXPERIENCE

### Technical Assistant

Passaic, NJ

*Shoprite*

*Jan. 2023 – Dec. 2023*

- **Increased data accuracy** for scheduling and payroll systems by 10%, **recording and maintaining SQL database**
- Improved time management efficiency by accurately **verifying inventory data and reconciling delivery records**, reducing processing errors by 5%.
- Enhanced team productivity by **providing technical support, troubleshooting issues, and ensuring timely database updates**, reducing downtime by 7%.

## SELECTED PROJECTS

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

- **Optimized data processing and integration** by leveraging **Jupyter Notebook and MySQL**, reducing data retrieval time by 20% and ensuring accurate synchronization of exam location data.
- **Enhanced user engagement and accessibility** by developing **RESTful APIs and implementing automated email notifications**, enabling seamless access to final exam details.

### Historical NFL Website ([GitHub](#)):

- Optimized user experience by implementing advanced search functionalities and **optimizing PostgreSQL queries in a Spring Boot and React application**, reducing response time by 15%.
- **Improved backend reliability and data retrieval** by developing robust search filters, **implementing CRUD operations**, and rigorously **testing APIs with Postman in a Spring Boot and PostgreSQL environment**, ensuring seamless performance.

### Personal Website ([GitHub](#)):

- **Designed and developed a responsive personal website** using **React.js and Tailwind CSS**, creating a visually appealing and user-friendly interface.
- **Showcased technical expertise and projects** by implementing an interactive portfolio, **optimizing UI/UX design**, and improving accessibility, increasing visitor engagement by 10%

## EXTRACURRICULAR

### CodePath TIP 102: – Member

January 2025 – Present

- **Collaborated with peers**, to improve and refined technical skills and concepts
- **Learning new knowledge and best practices from fellow developers** through active participation in discussions and mock interviews.