Jaime Castaneda

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EDUCATION

DePaul University   **Chicago, Illinois**

Master of Science in Software Engineering   *Expected Graduation, March 2027*

- o **Concentration:** Artificial Intelligence
- o **GPA:** 4.00/4.00
- o **Related Coursework:** Data Analysis & Regression

DePaul University   **Chicago, Illinois**

Bachelors of Science in Computer Science, Minor in Data Science   *Expected Graduation, March 2025*

- o **Concentration:** Software Development
- o **GPA:** 3.33/4.00
- o **Related Coursework:** Data Structures & Algorithms, Computer Systems, Object-Oriented Software Development, Foundations of Artificial Intelligence, Distributed Systems, Software Projects, Database Systems, Software Testing, Concepts of Programming Languages, Automata Theory, Data Analysis

EXPERIENCE

Walmart   **Woodstock, Il**

Replenishment Associate   *December 2019-Present*

- Efficiently restocked shelves and maintained product displays, ensuring the availability and organization of merchandise, unloaded and downstacked merchandise from delivery trucks, stocking of products on the sales floor.

PROJECTS

Todo Full-Stack Web Application   **Chicago, Il**

Group Project for Software Projects   *September 2024*

- Developed a task management web application using Python, Django, and PostgreSQL, implementing user authentication, task creation and editing, and status tracking with a responsive Bootstrap interface.
- Integrated secure user authentication and custom user models, enabling profile management and error handling while ensuring data integrity through PostgreSQL database implementation.
- Collaborated in a team of four to design, develop, and deploy a full-stack application, utilizing GitHub for version control and Docker for consistent environment management.

Trading System Simulation   **Chicago, Il**

Independent Project for Object-Oriented Software Development   *April 2024-June 2024*

- Developed a comprehensive trading system simulation in Java while showcasing object-oriented design patterns including strategy, factory, flyweight, singleton, facade, data transfer object, and observer design patterns.
- Demonstrated proficiency in managing serialized data, applying real-time updates, ensuring system adaptability with dynamic market conditions, integrating a GUI, exception handling, and market tracking.

NBA Points Analysis   **Chicago, Il**

Independent Project for Data Analysis & Regression   *April 2024-June 2024*

- Used linear regression to develop a model to accurately predict the points per game for NBA players using SAS.
- Conducted data exploration, data analysis using residual plots and normality plots, testing and validation with splitting the data and comparing the training vs the testing, and predictions on randomly generated statistics.

Automated Movie Rating Bot   **Chicago, Il**

Group Project for Intro to Computer Science II   *January 2023–March 2023*

- Collaboratively designed and implemented an automation bot using UiPath, enabling the extraction of movie ratings from IMBd based on titles listed in an Excel file, enhancing data processing efficiency and accuracy.
- Engaged with Protiviti professionals for guidance on project execution, demonstrating the ability to work in a professional team environment and apply practical automation solutions to real-world data management challenges.

SKILLS

Programming: Java, Python, C, JavaScript, HTML/CSS, SQL, Scala, R, SAS
Tools: IntelliJ, Eclipse, PyCharm, IDLE, VSCode, SQLDeveloper, PostgreSQL, SAS 9.4, RStudio, Docker
Frameworks: Bootstrap, Django, Spring Boot