

Jaime Castaneda

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EDUCATION

DePaul University

Chicago, Illinois

M.S. in Data Science

Expected Graduation, March 2027

- o **Concentration:** Computational Methods
- o **GPA:** 4.00/4.00
- o **Related Coursework:** Data Analysis & Regression

DePaul University

Chicago, Illinois

B.S. 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, Database Systems, Software Testing, Concepts of Programming Languages, Automata Theory

EXPERIENCE

Walmart

Woodstock, IL

Replenishment Associate

December 2019-Present

- Efficiently restocked shelves and maintained product displays, ensuring the availability and organization of merchandise for a seamless shopping experience.
- Unloaded and downstacked merchandise from delivery trucks, ensuring accurate inventory counts and timely stocking of products on the sales floor.

PROJECTS

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.

Facial Recognition System

Woodstock, IL

Independent

March 2024

- Developed and optimized a Python-based face recognition system, employing OpenCV and face_recognition libraries, improving accuracy through structured facial data management from multiple images.
- Implemented real-time identification and verifications in video streams, showcasing enhanced security applications and system adaptability with dynamic user inputs.

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 IMDb 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, SAS 9.4, RStudio