

Abril Rodriguez Almanzar

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EDUCATION

The University of Chicago

Bachelor of Science in Computer Science

QuestBridge Scholar, Cumulative GPA: 3.69/4.00

Related Coursework: Introduction to Computer Science in Python I & II, Calculus I & II, Discrete Mathematics, Systems Programming in C I & II, Theory of Algorithms

Chicago, IL

Expected, June 2027

Charles Herbert Flowers High School

Diploma

Related Coursework: AP Computer Science A: Java, Computer Graphics 1 & 2, Introduction to Computer Programming, Engineering Foundations, Electronics Systems, Research Practicum: Physical Science

Springdale, MD

May 2023

SKILLS

Technical: Proficient in Python, Java; Familiar with JavaScript, C

Language: Fluent in Spanish (reading/writing/speaking)

EXPERIENCE

Charactour

AI and Software Engineering Intern

Remote

June 2024 – August 2024

- Gathered and processed data from multiple social media platform APIs to support analytics and model development.
- Created and structured 100+ data files to train and optimize the company's AI-driven language learning models.
- Contributed to the development of a JavaScript-based interactive game for a potential client, focusing on user engagement and functionality.

Starbucks Coffee Company

Barista

Forestville, MD

July 2022 – August 2023

- Provided exceptional customer service by greeting customers, taking orders, and ensuring accuracy and efficiency in order fulfillment.
- Collaborated with team members to prioritize tasks and maintain smooth operations during peak business hours.

TECHNICAL PROJECTS

Blokus Game Text User Interface

May 2024

- Developed a fully interactive text-based interface for the board game Blokus, enabling users to play and control the game using keyboard inputs.
- Integrated Python's curses library for color and effects and the click library for easy game configurations, enhancing user experience and flexibility.

LEADERSHIP & ACTIVITIES

Mu Alpha Theta

Member

Springdale, MD

September 2021 – May 2023

- Collaborated with club members to organize and coordinate math-related activities, such as math trivia contests.
- Engage weekly virtual tutoring sessions in math, providing academic support for students in grades 9-12.

IEEE Robot Challenge

Team member

Baltimore, MD

October 2021 – April 2022

- Collaborated with team members to brainstorm ideas, design, and build a robotic system according to competition guidelines.
- Adjusted robot movement techniques through trial and error, optimizing speed and motion based on competition feedback.
- Exhibited teamwork, collaboration, and leadership qualities throughout the competition, fostering a positive and productive team dynamic.