

**Abril Rodriguez Almanzar**

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## **EDUCATION**

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### **The University of Chicago**

*Bachelors of Science in Computer Science*

QuestBridge Scholar, Cumulative GPA: 3.59/4.00

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

Chicago, IL

Expected, June 2027

## **TECHNICAL SKILLS**

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**Programming Languages:** Python, C, Java, JavaScript

**Web Development:** HTML, CSS, Django

**Databases:** SQLite, PostgreSQL

**Tools & Environments:** GitHub, Linux, VS Code

## **EXPERIENCE**

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### **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.

## **TECHNICAL PROJECTS**

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### **Rabble**

May 2025

- Built a web application where users can interact with posts organized into distinct communities.
- Implemented user login, post creation and editing, and like functionality with live like counts.
- Developed views to display communities and their associated posts in a clear, navigable structure.
- Wrote tests to ensure reliability of API endpoints and frontend views.

### **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**

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### **Algo Group**

*Board Member*

Chicago, IL

October 2023 – Present

- Attended and contributed to weekly seminars covering a range of topics, from industry-focused computational techniques to fundamental computing concepts.
- Participated in weekly coding exercises designed to reinforce concepts discussed in weekly seminars, improving problem-solving skills in data structures and algorithms.

### **Association of Women in Computing (ACM-W)**

*Member*

Chicago, IL

October 2023 – Present

- Collaborated with peers to build an inclusive and diverse community for tech enthusiasts on campus through workshops, networking events, and mentorship programs.
- Engaged with industry professionals in panel discussions and networking events to explore career opportunities in tech.