

Abril Rodriguez Almanzar

[abrodriguezalman.github.io](https://github.com/abrodriguezalman)

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EDUCATION

The University of Chicago

Bachelors of Science in Computer Science

QuestBridge Scholar, Cumulative GPA: 3.64/4.00

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

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.

TECHNICAL PROJECTS

Rabble – Community Forum Website

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 Game 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.

TECHNICAL SKILLS

Programming Languages: Python, C, Java, JavaScript

Web Development: HTML, CSS, Django

Databases: SQLite, PostgreSQL

Tools & Environments: GitHub, Linux, Excel, PowerPoint, VS Code

LEADERSHIP & ACTIVITIES

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.