

## Abril Rodriguez Almanzar

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

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## EDUCATION

### The University of Chicago

Chicago, IL

Bachelors of Science in Computer Science

Expected, June 2027

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

## EXPERIENCE

### Nuvora

Remote

Software & Development Intern

October 2025 – Present

- Enhanced the company's commercial website by improving site functionality, UX design, and overall performance.
- Designed and implemented digital marketing assets (e.g., promotional posters, web graphics) aligned with brand objectives.
- Currently developing an interactive quiz feature using custom HTML, CSS, and JavaScript to increase user interaction and site engagement.

### Charactour

Remote

AI and Software Engineering Intern

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, REST API

**Databases:** SQLite, PostgreSQL

**Tools & Environments:** GitHub, Git, Unity, Linux, Excel, PowerPoint, VS Code

## LEADERSHIP & ACTIVITIES

### Algo Group

Chicago, IL

Board Member

October 2023 – Present

- Coordinate with fellow board members to plan and deliver technology-focused lectures for an 80-member student cohort.
- Collaborate with a startup partner to provide cohort members with access to their product and expand professional resources.