

# ALEJANDRO CIUBA

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## Education

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University of Pittsburgh, Pittsburgh, PA

Anticipated Graduation Date 2023

**Bachelor of Science in Computer Science**

GPA 3.96

Minors: **Spanish, Linguistics, Certificate in Latin American Studies**

## Skills

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### Spanish

- Conversational in Spanish
- Tutored math and computer science in the language

### Programming

- Languages: Java, Python (Jupyter Notebooks, Pandas, Numpy, NLTK, Pickling and Matplotlib), C# (Unity Game Engine) and C with Makefiles

### Mathematics

- Completed Calculus I, Calculus II and Applied Statistics
- Experience with Linear Algebra through computer graphics

### Other Skills

- Experience with Git and Github
- Knowledgeable with LaTeX using Texmaker
- Currently uses a Linux environments (Ubuntu) and VMware
- Experience using OpenGL using C
- Experience with Blender and 3D-modelling

## Experience and Personal Projects

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**Teaching Assistant**, Pittsburgh, PA

August 2021 – Present

*Teaching Assistant to Professor John Ramirez at the University of Pittsburgh*

- Instructs recitations with upwards of 20 students on algorithm and data structure concepts
- Manages exercises given by Professor John Ramirez and walks through solutions
- Assists students one-on-one during office hours

**Flatland: The Game**, Pittsburgh, PA

September 2020 – November 2020

*CSC Hacks 2020 Winner + Best Personal Project*

- Created a 2D arcade-style shooter with retro effects for CSC Hacks 2020
- Used the Unity Game Engine and C# to program the game in 6 weeks
- Made all assets in Aseprite and used LMMS to make the game's music

**Provost Academy Leader**, Pittsburgh, PA

May 2020 – Present

*Councilor in The Provost Academy Program*

- Helps plan and monitor activities virtually and in-person for incoming first-year students
- Advises and helped first-year college students in scheduling and resident-life
- Maintains connections with first-year students throughout the year

## Hobbies and Activities

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**Indie-Game Development with Unity Game Engine**

July 2020 – Present

**Interest in Natural-Language Processing**

August 2021 – Present

**Interest in Computer Graphics and Game-Engine Design**

August 2021 – Present

**University of Pittsburgh Computer Science Club**, *Member*

October 2020 – Present

**University of Pittsburgh Spanish Club**, *Vice President & Mesa Coordinator*

August 2019 – Present