

Christian Betancourt Dias

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EDUCATION

University of Florida, College of Liberal Arts and Sciences.

Expected Graduation: May 2026

Bachelor of Science in Computer Science

GPA: 4.0/4.0

Bachelor of Arts in Mathematics

Relevant Coursework: Data Structures & Algorithms, Prog Fundamentals 1 (Python) & Prog Fundamentals 2 (C++), Object-Oriented Programming, AI Fundamentals, Statistics, Sets and Logic, Computational Linear Algebra

LANGUAGES & TECHNOLOGIES

Languages: C++, Python

Developer Tools: GIT, GitHub, Visual Studio, VS Code, CLion, PyCharm

EXPERIENCE

Software Engineer & Product Management Intern

Seattle, WA

Microsoft

May 2024 – August 2024

- To begin May 20th, 2024

SAT and Math Tutor

Weston, FL

Freelance

August 2020 – May 2023

- Implemented** a free tutoring service that provided both 1-on-1 and group sessions for students, helping **over 75 students** get into their desired colleges.
- Formulated** personalized study guides by investing personal time into analyzing each student's skill set, resulting in an average **17% score improvement** when compared to their first attempt.

Permit Manager and Project Leader

Weston, FL

AI Hurricane Shutters

May 2019 - June 2022

- Managed 30 projects** by gathering the products at the manufacturer's warehouse, **tracking employees' productivity**, and **presenting the finalized project**.
- Coordinated** the scheduling of inspections of **over 20 projects** by cross-referencing the inspector's and client's availabilities.
- Drafted** the required construction permits prior to installation by accessing the city's records and floorplan blueprints and submitting them to the appropriate departments and HOAs.

PROJECTS

Minesweeper, C++

- Employed OOP principles** for board and cell object creation, interlinking them for game functionality. Utilized **recursion and object pointers for dynamic GUI (SFML) manipulation** during gameplay, managing win/loss conditions, pausing, and leaderboard access.
- Integrated game features:** in-game timer, mine count, and reset function. Incorporated debugging tools for streamlined development and **utilized I/O file manipulation** for real-time leaderboard updates upon player actions.

INVOLVEMENT

Society of Hispanic Professional Engineers at UF

Gainesville, FL

Scripting & Discord Director

January 2024 - Present

- Created** documentation and **skeleton code** on how to utilize the **GPT API**.
- Developed** a program that created Google Calendar Events from the club's events by **scraping** the slideshows and **standardizing** the information using the GPT API.
- Participated** with other cohorts to **coordinate events** for the organization aimed at member retention and engagement.

ADDITIONAL

Awards: College Dean's List Fall 2022, Spring 2023, Fall 2024, Weston Rotary Club Scholar, Broward Gator Club Scholar, Bright Futures Scholar

Languages: Spanish (Fluent), English (Fluent), Portuguese (Beginner)

LinkedIn

