

Jair Garcia Fonseca

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EDUCATION

University of Central Florida— Orlando, FL

Dec 2026

Bachelor of Science in Computer Science, GPA: 3.6

Relevant coursework: Intro to C, Intro to Discrete Structures

Honors & Awards: Florida Academic Scholar

Broward College— Davie, FL

Dec 2024

Associate of Arts in General Studies, GPA: 3.6

Relevant coursework: Intro to Comp. Science, Intro to C++, Calculus 2

Honors & Awards: Dean's List, Florida Academic Scholar

SKILLS & CERTIFICATIONS

- **Programming Languages:** Python, C/C++, HTML/CSS, JavaScript
- **Frameworks:** React, Flask
- **Soft Skills:** Teamwork, Customer Service, Communication, Problem-Solving, Adaptability
- **MS Office:** PowerPoint, Word, Excel

PROJECT EXPERIENCE

Poke Leveling – Game Development | Personal Project | 01/2025

Simple Pokémon game made as a fun side project.

- Designed and developed a Pokémon-inspired battle game using Pygame, featuring turn-based combat, character stats, move sets, and over 100 Pokémon using PokeAPI to dynamically fetch and display Pokémon moves, and stats, ensuring accurate and up-to-date game data.
- Created custom animations, background images, and battle stages using aseprite, a pixel graphic design tool.
- Compiled the game into a standalone executable using PyInstaller, ensuring compatibility across Windows platforms and developed a professional installer using Inno Setup, simplifying the distribution and installation process for end-users.
- Optimized game performance and ensured seamless user experience through rigorous testing and debugging.

Recycle Reader - Software Engineering | Pluto Hacks | 09/2024

<https://devpost.com/software/recycle-reader>

Recycle Scanner app made for the Pluto Hacks hackathon alongside three other developers.

- Developed a Recycle Scanner app using Python and the Kivy library, aiming to increase recycling awareness by providing users with an easy-to-use tool for identifying recyclable materials.
- Designed and implemented the front-end interface, creating a user-friendly experience that allows users to scan barcodes on products and receive immediate feedback on recyclability.
- Integrated barcode scanning functionality and API to retrieve detailed product information from scanned barcodes, ensuring a seamless and efficient process for users to quickly analyze product package recyclability.
- Tested using protein bar wrappers and different bottled/canned drinks. Debugged code based on which products were working, and which weren't.

EXPERIENCE

TJX HomeSense - Retail Associate | Sunrise, FL

July 2023 – Sep 2024

- Delivered exceptional customer service by actively listening to customer needs, resolving concerns, and fostering positive experiences, while collaborating with team members to ensure a smooth and welcoming store environment.
- Developed strong communication, problem-solving, and adaptability skills by handling diverse customer interactions, managing high-volume periods, and efficiently supporting store operations.

LEADERSHIP & AFFILIATIONS

CodePath | Community Member | Remote

May 2024 – Current

Future Educators of America | Read Squad Lead Teen | Davie, FL

Aug 2022 – May 2023