

# Edgar Alcocer

[edgaralcas13@gmail.com](mailto:edgaralcas13@gmail.com) | 301-742-4211

## Profile

**Personal Portfolio Website:** <https://www.edgaralcocer.com>

**GitHub:** <https://github.com/edgui13>

**LinkedIn:** <https://www.linkedin.com/in/edgaralcocer/>

## Education

University of Arkansas, Walton College of Business / College of Engineering

Expected graduation May 2024

B.S Information Systems & B.A. Computer Science

- **Cumulative GPA:** 3.4/4.0
- **Related Courses:** Data Structures & Algorithms, Programming Paradigms, Business Application Development, Business Database Systems, Operating Systems, Software Engineering
- **Clubs:** ACM (Association of Computing Machinery), AIS (Association for Information Systems), IBO(International Bolivian Organization), Investment Club

## Work Experience

ConocoPhillips

May – August 2023

Enterprise Architecture Intern

- Developed a Python internal tool akin to “Technopedia” cataloging all software used within the company using AI.
- Used Azure OpenAI ChatGPT API to prompt engineer information of software back into a database.
- Utilized PowerBI for data analysis, prevented duplicity of more than 50+ redundant software licensing purchases.

Barilla

Marketing Researcher Consultant

January – May 2023

- Designed innovative campaigns to increase brand awareness and sales for “Barilla Protein Plus” pasta.
- Conducted Market Insights such as identifying target audience, product background, and product challenges.
- Amplified brand reach through influencer partnerships, meal kit company collaborations, and human-focused social media.

HPER University Recreation

Dec 2020-Present

Student Manager

- First point of contact for customer service associates and monitored facility conditions.
- Demonstrated leadership through supervision and coaching in a fast-paced environment.

## Relevant Projects

Ecoefficient Web App – J.B. Hunt Hackathon (Placed 7<sup>th</sup> / 30 Teams)

April 2023

- Spearheaded the front-end development using HTML, CSS, and JavaScript for a web application designed to measure and recommend carbon-efficient transportation options.
- Engineered measurement based on the user’s starting destination, end destination and current weather conditions.
- Leveraged the Google Maps API and Weather API for transportation recommendations based on carbon footprint.

The Legend of Zelda Game Replication

January – May 2023

- Recreating video game ‘The Legend of Zelda’ using various event driven and OOP programming.
- Built in three versions, Java, JavaScript, and Python (pygame library).

Spotify RFID Record Player

June – July 2022

- RaspberryPi and RFID scanner that runs a python script to play a song based on the RFID tag register using Spotify Player API.

On Your Feet Clinic Application Project

September – December 2021

- Developed a C#/.NET front-end clinical management app to handle patients’ data to a connected MySQL server.
- Implemented features that could create, update, read, and delete a patients’ data (CRUD).

## Leadership Experience

Beta Theta Pi - VP of New Member Education

Nov 2021- Nov 2022

- Restructured an 8-week program, promoting scholarship and philanthropy to over 80 new members.
- Raised over \$20,000 over one semester for the B+ Foundation.

## Skills

- **Technical Skills:** C++, Java, JavaScript, Python, C#, React, HTML, CSS, SQL, GIT, Netlify, PowerBI, Visio, Microsoft Office
- **Interpersonal Skills:** Self-starter, strategic thinker, problem solver
- **Languages:** English, Spanish, French