

Cristian Aragón Salazar

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Artificial Intelligence Engineer with experience in software development and team leadership. Passionate about creating efficient technological solutions, with skills in C++, Python, and web development. Experienced in community leadership and innovative projects.

PROFESSIONAL EXPERIENCE

Foráneos UP

President

Aguascalientes, México

January 2025 - Present

- I guide and supervise the comprehensive work of all involved parties.
- I manage and promote collaboration between teams.
- I coordinate efforts to optimize the group's performance.
- I foster an efficient work environment aligned with objectives.

Burkle Exterminadores

Web Developer

Aguascalientes, México

August 2024 - December 2024

- I developed the website for Burkle Exterminators to attract customers and showcase their services.
- I designed and implemented a blog with relevant content for the target audience.
- I created a Q&A forum to enhance user interaction.
- I optimized the structure and web design to improve the user experience.
- I implemented strategies to increase the company's online visibility and reach.

Integra CEF (Comisión de Extranjeros y Foráneos)

Vice President

Aguascalientes, México

August 2023 - December

2024

- I individually supervised the strategic functions of each team member.
- I ensured the fulfillment of key responsibilities within the team.
- I optimized individual performance aligned with strategic objectives.
- I provided follow-up and support to improve team efficiency.
- I developed the website for this organization.

Club CIMA

Director of Communications

Morelos, México

July 2021 - December 2024

- I optimized the club's internal and external communication.
- I developed and managed content strategies for social media.
- I improved the club's digital presence through engaging and relevant content.

- I coordinated the dissemination of key information for members and the general public.

EDUCATION

UNIVERSIDAD PANAMERICANA
Artificial Intelligence Engineering

Aguascalientes, México
August 2022 - August 2027

PROJECTS

[RegEx Modificado](#)

Python

Data Structures and Algorithms

- I developed software for creating regular expressions and evaluating them in input texts.
- I implemented an intuitive interface to facilitate the generation and testing of RegEx.
- I optimized the processing of regular expressions to improve efficiency and accuracy.
- I designed an interactive environment that allows users to validate their patterns in real time.

[Mastermind](#)

C++

Game

- I developed a logic game where the player must guess a hidden color combination in the fewest attempts possible.
- I implemented a feedback system to indicate how close the player's answer is.
- I designed an intuitive interface to enhance the user experience.

[File Compressor](#)

Python

Data Structures and Algorithms

- I implemented software to compress and decompress files using the Huffman compression algorithm.
- I optimized storage by reducing file size without losing information.
- I developed a simple interface to facilitate file compression and decompression.

[Rubik's Cube Solver](#)

Python

Data Structures and Algorithms

- I developed software to solve a 3x3x3 Rubik's cube using search algorithms such as BFS, A*, and IDA*.
- I implemented a visualization of the moves to facilitate tracking the solution.
- I optimized the algorithm's efficiency to reduce the number of moves required.

[Quixo Bot](#)

Python

Data Structures and Algorithms

- I created a bot that plays Quixo against another bot, using the minimax algorithm with alpha-beta pruning to make optimal decisions.
- I improved the bot's strategy by adjusting heuristics to evaluate moves.
- I tested the bot's performance in multiple scenarios to optimize its decision-making.

[Classic Games](#)

Python

Object-Oriented Programming

- I developed software with three classic games connected to a database to manage scores and users.
- I applied object-oriented programming principles to modularize the code and facilitate maintenance.
- I implemented a user authentication system and statistics storage.

Foreigner's Corner

HTML, CSS, Odoo

Website

- I designed a help website for foreign students at the Universidad Panamericana, Aguascalientes campus.
- I created a FAQ section to address common questions.
- I optimized the page's accessibility and usability to enhance the user experience.

Portfolio

Python, Reflex

Website

- I developed and managed a web portfolio using Reflex technology to showcase projects and personal work.
- I implemented an attractive and dynamic interface to facilitate navigation.
- I optimized the site's performance to improve loading speed.

LANGUAGES

ENGLISH

TOEFL

550 POINTS