



Luis Emilio Alcántara Guzmán

Software engineer

 <https://www.linkedin.com/in/luis-emilio-alc%C3%A1ntara-guzm%C3%A1n-4a03291b9/>

 Miguel Hidalgo, Mexico City

 5535611734

 luis.alcantarag99@hotmail.com

 [emilioag99.github.io/portfolio/](https://github.com/emilioag99/portfolio/)

SUMMARY

Software engineer interested in developing innovative solutions using new technologies to optimize processes. I aim to incorporate new technologies into my work, enabling efficient solutions that drive significant improvements.

PROGRAMMING LANGUAGES / TOOLS

- Python (intermediate)
- JavaScript (intermediate)
- Java (intermediate)
- SQL (Pre-intermediate level)
- C++ (Pre-intermediate level)
- GitHub
- Microsoft Office

CERTIFICATIONS

CCNA: Switching, Routing and Wireless Essentials (2020)

ABILITIES

- Adaptability
- Team work
- Resilience

SKILLS

Spanish

Native

English

LinguaSkill C1

German

Beginner

WORK EXPERIENCE

July 2021 - **Web developer intern**

November 2021 Harvestly.co

Duties

- Design and implement a web page using React
- React framework utilization for efficient and scalable web development
- Integration of Firebase with React for robust application development
- Enhance user experience through UI and UX design.

EDUCATION

2018 2022 **Software Engineering Student**

Instituto Tecnológico de Estudios Superiores de Monterrey Santa Fe Campus

Acknowledged as an exceptional student with a GPA surpassing 95, earning recognition for outstanding academic performance.

SOCIAL SERVICE

August 2020 - **Video game development**

December 2020 Cibruc

- Unity and C# utilization to create and develop a game.
- Implementation of engaging game mechanics to enhance gameplay experiences.
- Experienced in conducting testing to ensure game quality.

SCHOOL/PERSONAL PROJECTS

2023

Book2Up

eCommerce Website

Web applications to replicate a library, where users can buy, see and read books from our catalog.

- User registration to save all purchased books, order history and user information.
- Connected to MongoDB as database using decoupled architecture.
- Online e-pub reader for users that buy a book.

2022

CinemaTec

Web application aimed to recommend movies based on previously liked movies

- When signing up, the user is prompted with movies from our database. If the user likes a movie, it will be stored in their profile.
- You can add friends through the app to start a movie and find out what movies are similar in the liked list.

2021

Dungeons and Dragons map generator

With help of the Three.js library, we were able to make a hexagonal map canvas where users are able to select each tile of the map to simulate a biome. The purpose of this project was to simulate a virtual map that could be replicated by players in real life.