

Sara GÓMEZ

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Education

Universidad Panamericana, Campus Bonaterra Graduating in Aug 2024

Artificial Intelligence Engineering

GPA 9.8/10

Work Experience

Vibing Studios March 2022 - October 2022

Focusing on play-and-earn games that integrate NFTs.

- Work in back-end to sign and verify Solana and Ethereum addresses.
- Built a database with Solana and Ethereum addresses.
- Developed front-end using CSS for Bitmon Launcher.

Typescript, React.js, next.js, Tailwind CSS, SQLite, node.js

Kindynos November 2021 - February 2022

Specialized in blockchain technology and dedicated to finding technical solutions for every need.

- Worked in different areas such as smart contracts development and front/back-end services.

Go, Vue, Javascript, React.js, node.js

Major Projects

UP Bus [Click here to see the project](#)

Web App that helps UP students find another UP student that can take them to campus.

- Developed a database in back-end using MongoDB.
- Designed and developed front-end using CSS and SweetAlert2.

Mongoose, CSS, SweetAlert2, Javascript, Html, React.js, Dotenv, Express, SCRUM

Pac-Woman [Click here to see the project](#)

3D videogame based in the original Pac-man with two different worlds (Call of duty and Pac-woman).

- Developed Call of Duty's world and collaborated on the Pac-woman's
- Created characters materials with Gimp.

Unity, Gimp, Sketchfab, Mixamo, C#

Images Out of Circles [Click here to see the project](#)

Project that uses Differential Evolution to approximate an image with circles only.

- Implemented differential evolution algorithm from scratch.
- Defined an effective objective function and animated the results.

Python, cv2, numpy, matplotlib

ICPC Contestant

Annual programming and algorithmic competition between universities around the world

- Joined ICPC in 2020, and keep practicing in order to get better as a problem solver.

*- C++
- Main topics: data structures, graphs, sortings, searching*

Skills

Programming Languages

- C++/C	-----	3 years
- Python	-----	2 years
- Typescript/Javascript	----	1 year
- Java	-----	1 year
- SQL	-----	1 year
- CSS	-----	10 months
- Html	-----	10 months
- C#	-----	6 months

Libraries/Frameworks & Platforms

- React	- Bootstrap
- Github	- Gimp
- Node.js	- Figma (Basic)
- Express	- Vue (Basic)
- Next.js	- Ionic (Basic)
- Unity	- Flutter (Basic)

Operating Systems

- Windows
- Linux

Soft Skills

- Teamwork
- Creative
- Resilience
- SCRUM
- Multitasking
- Open-minded

Languages

Spanish (native) 

English (B2) 

Interests

- Traveling
- Playing guitar, drums and bass
- Sketching
- Nature