

# Sara Gómez

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## EDUCATION

- 2023 - Present **Universidad Panamericana Campus Aguascalientes**  
*Specialty in Engineering and Quality of Software Projects*
- 2019 - 2023 **Universidad Panamericana Campus Aguascalientes**  
*Bachelor of Science Degree in Artificial Intelligence*  
GPA 9.6/10

## WORK EXPERIENCE

### Instituto Estatal Electoral de Aguascalientes 🔗

- June 2023 - Present **Head of Department of Mobile Technologies**
- Designing and implementing the PREP application to provide preliminary election results by capturing and publishing data received from the Data Collection and Transmission Centers (CATD).
- React Native, Javascript, Figma, Android Studio*
- Feb. 2023 - June 2023 **Mobile Developer**
- Designed and coded an election package tracking mobile app from scratch.
  - Analyzed and decided between programming languages and frameworks.
- React Native, Javascript, Figma, Android Studio*

### Vibing Studios 🔗

- Mar. 2022 - Oct. 2022 **Full Stack and Web3 Developer**
- Worked in backend to sign and verify Solana and Ethereum addresses.
  - Built a database with Solana and Ethereum addresses.
  - Worked on the user interface of Bitmon Launcher using CSS.
- Typescript, React.js, SQLite, Node.js, Tailwind CSS*

### Kindynos 🔗

- Nov. 2021 - Feb. 2022 **Full Stack and Web3 Developer**
- Worked in smart contracts development and front/backend services.
- GoLang, Vue, Javascript, React.js, Node.js*

## MAJOR PROJECTS

### Summer Research 2023 **Universidad Panamericana Campus Aguascalientes**

- Developing LSTM-based EEG Emotion Classifier under the direction of Prof. Ricardo Espinosa in order to participate in the International Conference on Computer Vision 2023 (ICCV)
- Pytorch, Deep Learning*

### UP Bus 🔗

- Designed and implemented a database with MongoDB.
  - Led the team being Scrum Master throughout the project.
- React.js, Javascript, Mongoose, Express, SCRUM*

### Images Out of Circles 🔗

- Implemented differential evolution algorithm from the ground up.
  - Defined an effective objective function and animated the results.
- Python, Cv2, Numpy, Matplotlib*

## SKILLS

**Programming Languages:** C++, Python, Javascript, SQL, C#

**Libraries and Frameworks:** React, Git, Express, Node.js, Flutter, Ionic

**Operating Systems:** Windows, Linux

**Soft Skills:** Teamwork, Resilience, Multitasking, Creative, SCRUM

**Languages:** Spanish (native), English (B2)