# Ramon Alberto Gomez Urquidez

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## EDUCATION

**Instituto Tecnológico de Estudios Superiores de Monterrey**                                      Hermosillo, SON, MX

B.S. in Computer Science and Technology Engineering                                      Expected Jun 2026

Cumulative GPA: 4.0/4.0

Relevant Coursework: Software Development and Engineering, Cybersecurity, Data Structures, Design Patterns, Artificial Intelligence, Machine Learning, Cloud Computing, Network Infrastructure, Operating Systems, Web Design, Full Stack

## WORK EXPERIENCE

**VITALHEALTH**                                      Hermosillo, SON

Backend Developer and Software Analyst                                      Jun 2024 – Currently

- Enhanced CI/CD implementation in .NET, optimizing installation processes and streamlining communication between technicians and clients, resulting in a 300% improvement.
- Currently designing and implementing a CRM with integrated ERP to enhance security and data integrity within the company.

**ENCORA INC.**                                      Hermosillo, SON

Intern in Full Stack Development                                      Mar 2024 – May 2024

- Led the refactoring of the Talent Management System, enhancing its structure and developing a new web app, resulting in a 200% increase in efficiency and user satisfaction across the company.
- Implemented the PERN Full Stack, utilizing expertise in Typescript, Figma, Git, Postman, Firebase, and the React-Bootstrap Library to achieve scalability, ease of use, reduced development time, and improved performance metrics.

## PROJECTS

**PERSONAL WEBSITE:** https:/gomezramon2004.github.io                                      (for additional information and projects)

**SMART URBAN GARDEN**                                      Ago 2023 – Nov 2023

- Developed an automated urban garden system, measured by reducing manual labor to zero,
- Integrated Socket TCP/IP programming for seamless communication and data transfer. Utilized proficiency knowledge in Grafana, InfluxDB, and Java for enhanced versatility in a cloud environment and complete data transparency.

**MOBILE PLATFORM FOR SMALL AND MEDIUM-SIZED BUSINESS**                                      Oct 2023

- Created a mobile platform for SMBs, improving resource management, leading to a 42% increase in daily orders processed.
- Leveraged React Native for mobile app development and Firebase for cloud integration, streamlining the process and ensuring rapid deployment of a robust solution.

**GROCERY IMAGE RECOGNITION FOR CREATE RECIPES**                                      Sep 2023

- Accomplished accurate grocery recognition in fridge images by AI model accuracy, achieving a 73% accuracy rate.
- Implemented the Flask framework and integrated it seamlessly with the OpenAI API, earning commendation from the local community during HackMTY and having appropriate feedback.

**SUSTAINABLE APPLICATION INTEGRATED WITH GEOLOCATION**                                      Dec 2022 – Feb 2023

- Accomplished seamless integration of geolocation technologies to create a sustainable application for tracking garbage on the coasts, which led to a 90% accuracy rate in tracking capabilities.
- Applied skills in React, Flask, and OpenLayers API to develop a robust system supporting geo-tracking functionalities.

## ADDITIONAL

**Technical Skills**: <u>Proficient in</u> HTML, CSS, Tailwind, Bootstrap, Javascript, Typescript, Node, React, Zustand, Express, Flask, PostgreSQL, Postman, AWS Microservices, Firebase, Grafana, InfluxDB, C, C++, Java, Python, Git, Bash Scripting, Figma. <u>Familiar with</u> NextJS, NestJS, MongoDB, Electron, Docker, Rust, Google Cloud

**Languages:** <u>Native proficiency</u> in Spanish. <u>Proficient</u> in English (C1, TOEFL ITP). <u>Elementary proficiency</u> in German.

**Certifications & Training:** Google Cloud Computing Foundations, Full Stack Career Path (Codecademy), Master C++ Programming (GeeksForGeeks).

**Awards:** Lideres del Mañana - Ninth Gen. Won a nationwide 100% scholarship to study in the Top 1 Best University in Mexico, case competition out of 20000+ participants.