

Lilia Soto Llamas

Computer Systems Engineering Student

SUMMARY

Proactive and adaptable Computer Systems Engineering student at TecNM Campus Colima, currently in the 9th semester. Strong technical foundation in software development, mobile and web application design, and AI. Proven ability to lead projects, with experience in a variety of programming languages, frameworks, and tools. Fluent in English and conversational in French, with a passion for continuous learning and problem-solving.

PROJECTS

VitalCheck Mobile Application

Tools: Android, React Native, Node.js, SQL, Docker

- Developed a mobile app for monitoring the health status of individuals with cardiorespiratory conditions.
- Integrated real-time data tracking and secure cloud storage.

Local Business Website for Quotations

Tools: React, Vercel, PostgreSQL

- Created a custom web platform to manage inventory and quotations for a local business.
- Implemented a responsive user interface and dynamic data handling.

Smart Lock Project

Tools: Arduino, Android

- Designed a smart home lock system connected to an Android application.
- Enabled remote control and real-time status monitoring.

Street Vendor Sales Assistant App

Tools: Android, React Native, Node.js, SQL

- Developed a mobile application to help street vendors track sales and optimize their selling strategies.
- Integrated location tracking to identify high-traffic areas.

RESTful API for Inventory Management

Tools: Node.js, SQL, Express.js

- Built an API for managing product inventory, featuring CRUD operations and user authentication.

Various Small Projects

- Python calculator, Vue-based Hangman game, Todo list with JavaScript, 2D shapes generator with Python, React counter, etc.

EDUCATION

2007 - 2025 Bachelor of Computer Systems Engineering

TecNM Campus Colima

Specialized in software development, data science, AI, and web/mobile application development.

COURSES & CERTIFICATIONS

- AWS Cloud Practitioner Essentials (Certified on March 9, 2024)
- Repair and Maintenance of Computer Equipment (TecNM Campus Colima, March 13, 2024)
- Professional UX Design Certificate (Google - In Progress)

EXPERIENCE

2024 - 2024 Web Development Instructor

TecNM Campus Colima & Private Tutoring

- Taught HTML and CSS to students at TecNM Campus Colima.
- Provided private lessons on web development, covering HTML, CSS, and JavaScript.

2021 - 2023 Environmental Coordinator - "Ola Verde" Group

Ola Verde



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SKILLS

Programming Languages

- Python
- Java
- JavaScript
- C++
- C#
- SQL
- PostgreSQL

Web Technologies

- HTML
- CSS
- React
- Vue
- AngularJS
- Vite

Mobile Development

- React Native
- Android

Tools & Frameworks

- Node.js
- Docker
- Git
- Visual Studio Code
- Postman
- Unity
- Cisco Packet Tracer

Data & AI

- Data Science
- AI
- Expert Systems

English

- Led initiatives focused on sustainability and environmental awareness.
- Organized events and activities for community engagement.

PARTICIPATIONS & AWARDS

- **2nd Place, Social Impact Category**
Rally Latinoamericano de Innovación 2021 (October 1-2, 2021)
 - Achieved 2nd place in the Social Impact category with team *JAGUARES TEC COLIMA* at the *Instituto Tecnológico de Colima/TecNM* in Mexico. The competition was held simultaneously across 12 countries in the region.
- **Participant, Global Week of #ActionXODS**
MY World México & UN SDGs Campaign (September 30, 2021)

- Advanced (studied at Harmon Hall)

French

- Intermediate (studied at Centro de Idiomas, Tecnológico de Monterrey)

SOFT SKILLS

- Creativity and Problem-Solving
- Team Collaboration and Communication
- Resilience and Adaptability
- Open to Learning New Skills
- Availability for flexible hours

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