

Isaí Jesús Tapia Alcázar

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Education

Instituto Tecnológico de Zacatepec

Computer Systems Engineer, Specialization in Data Science

Zacatepec, Morelos, Mexico

Graduating in 2026

- Member of the IEEE Student Branch, contributing to student learning activities and research projects.

Leadership & Activities

Verano Internacional de Investigación en Ciencia y Tecnología 2025

Student Researcher & Speaker

Acapulco, Guerrero, Mexico

June 16 - July 25

- Developed and prototyped a real-time object detection model using the YOLOv8 architecture to identify early-stage agricultural distress.
- Applied public speaking and communication skills by presenting project findings to a technical audience.

Samsung Innovation Campus by Universidad de Monterrey & Samsung

Course Student

Online

November 2024 - April 2025

- Developed a final project using regression, classification, and clustering, improving AI knowledge and leadership skills.

Consejo de Ciencia y Tecnología del Estado de Morelos

Course Student

Online

August 2023 - March 2024

- Awarded a government scholarship to complete a professional-led course on AI & Data.

Technology Blog

Fullstack Developer

December 2023 - Currently

- Developed a blog providing tools and resources to guide people into programming.

Awards

ICPC Mexico Finals 2023 & 2025

Finalist

Guadalajara, Jalisco, Mexico

October 2023, November 2025

- Demonstrated expertise in algorithms and teamwork under high-pressure, time-constrained conditions.
- Competed in the 2025 finals against 133 teams from 70 universities, reinforcing problem-solving skills.
- Achieved a rank of 37th in Mexico (2023) and recognition as the #1 team in the state of Morelos.

Coding Cup TecNM 2023 & 2025

3rd Place Winner & Finalist

Online

September 2023, September 2025

- Secured 3rd place (of 551 teams) and 26th place (of 238 teams) in the 2023 and 2025 competitive programming competitions, respectively.

Startup Weekend Morelos

1st Place Winner

Cuernavaca, Morelos, Mexico

May 2024

- Developed a solution to counteract climate change using sustainable technology, earning 1st place.
- Collaborated in a multidisciplinary team to create a prototype in less than 38 hours, demonstrating problem-solving, rapid prototyping, and teamwork skills.

InnovaTecNM 2023 (HackaTecNM), National Phase

Finalist

Puebla, Mexico

November 2023

- Attained this advancement while competing against 147 technological institutes.
- Developed a transportation routing system using categorical supervised learning to predict optimal routes.

HackaTecNM ITZacatepec

3rd Place Winner

Zacatepec, Morelos, Mexico

September 2022

- Led a team to 3rd place during my first semester, delivering a viable solution using Machine Learning.

Skills

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

Programming: Python, SQL, C++, JavaScript, TypeScript, Numpy, Pandas, Matplotlib, Scikit-Learn, Tensorflow, Power BI, Git, HTML, CSS, React JS.

Soft skills: Empathy, Teamwork, Leadership, Communication, Adaptability, Problem-Solving Under Pressure.

Interests: Design, Gym, Soccer, Basketball, Hiking, Rappelling, Mountain Biking, Skydiving.