

Isaí Jesús Tapia Alcázar

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EDUCATION

Instituto Tecnológico de Zárate

Computer Systems Engineer, Specialization in Data Science

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

Zárate, Morelos, MX

Graduating in 2026

LEADERSHIP & ACTIVITIES

International Summer of Research in Science and Technology (VIICyT-25)

Acapulco, Guerrero, MX

Student Researcher & Speaker

June 16 - July 25

- Engineered a YOLOv8 computer vision model to identify early-stage diseases and pests in lemon crops.
- Presented research findings at the VIICyT-25 Congress, demonstrating the model's technical viability to a specialized audience.

Samsung Innovation Campus by UDEM & Samsung

Online

Course Student

November 2024 - April 2025

- Completed a specialized training program in Artificial Intelligence and Leadership, acquiring practical technical skills and soft skills for professional integration.
- Developed a predictive analysis of road accidents in Mexico, using Python libraries such as Pandas and Scikit-Learn to implement Regression, Classification, and Clustering algorithms to uncover data patterns.

AI & Data Development Program by CCyTEM

Online

Course Student

August 2023 - March 2024

- Earned a government scholarship to complete an intensive training in Artificial Intelligence and Data Science, demonstrating academic merit and commitment.
- Acquired comprehensive technical proficiency in Mathematics, Machine Learning, and Data Visualization through the practical application of NumPy, Scikit-Learn, Matplotlib, among others.

Educational Technology Blog

December 2023 - Currently

Fullstack Developer

- Developed a technology blog to share programming tools and technical resources.
- Utilized Next.js and MongoDB, integrating Markdown, KaTeX, and PrismJS to render technical content.

AWARDS

ICPC Mexico Finals 2023 & 2025

Guadalajara, Jalisco, MX | October 2023 & November 2025

- Competed in National Finals against 133 teams from 70 universities.
- Ranked 37th nationwide (2023) and recognized as the #1 team in Morelos.

Coding Cup TecNM 2023 & 2025

Online | September 2023 & September 2025

- Achieved 26th Place out of 238 teams in 2025.
- 3rd Place Winner out of 551 teams in the 2023 edition

Startup Weekend Morelos

Cuernavaca, Morelos, MX | May 2024

- 1st Place Winner for a sustainable project developed in under 38 hrs.

InnovaTecNM (HackaTecNM), National Phase

Puebla, MX | November 2023

- National Finalist, advancing against teams from 147 universities.
- Developed an immersive tourism platform using React, the OpenAI API, and VR technologies.

HackaTecNM ITZárate

Zárate, Morelos, MX | September 2022

- 3rd Place Winner in an AI hackathon as a first-semester student, implementing linear regression.

Robotics and Informatics Olympiad (OMRI)

Cuernavaca, Morelos, MX | November 2020

- Bronze Medalist in a statewide programming competition using C++.

SKILLS

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

Programming: Python, SQL, C++, Java, JavaScript, TypeScript, NumPy, Pandas, Matplotlib, Scikit-Learn, TensorFlow, PySpark, Power BI, React, Flutter, MongoDB, HTML, CSS, Git, Linux.

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