Luis Antonio Soto Ruiz

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Education

Escuela Superior de Física y Matemáticas IPN Zacatenco, CDMX
Bachelor's degree in Physical-Mathematical Sciences, Physics, Thermodynamics. 2025 Data analysis and thermodynamics.

CECyT 7 "Cuauhtemoc" Iztapalapa, CDMX
Industrial maintenance technician.

Experience

Valle de Chalco, State of Mexico

PLC Programmer 2018
- PLC programmer for Omron and Allen Bradley machines for Volkswagen assembly lines.

Teacher 2020 - Present
- English teacher
- English certification teacher (British Council)
- Teacher for preparatory courses in higher education (Physics - Mathematics)
- Teaching assistant in ESFM for Thermodynamics

Leadership and Activities

British Council 2017
- B1 English certification

Pro Empleo Foundation 2018
- Entrepreneur workshop.

Samsung Foundation 2018
- Third place in Solutions for the Future 2018.

Prospective and Technological Intelligence Department, TechnóPoli 2018
- Research project in technological development.

Entrepreneurship 2018
- Cuahtemoc Medal for leadership due to multiple research projects developed.

IPN 2019
- C2 English certification

Research 2023
- Publication in RNAFM titled "On the Axiomatic Formulation in Empirical Sciences."

CINVESTAV 2023
- Bogdan Mielnik Chair - Quantum field theory in curved spacetime and black hole thermodynamics.

National Center for Nanoscience and Micro and Nanotechnology 2023
- Seminar on semiconductor devices and integrated circuits.

Research 2024
- Publication in RNAFM titled "On the Relationship Between Two Different Ways of Considering Internal Losses in a Finite-Time Joule Brayton Cycle."

CINVESTAV 2024
- Summer course in the Department of Mathematics at CINVESTAV.

Skills & Interests

Programming: Python (data analysis), R, MySQL, C.
Language: English C1
Laboratories: Advanced physics, ISO 4 level laboratory, photomultipliers, spectrometers, and magnetic traps.
Interests: Advances in science and technology, literature (science fiction), cinema, and gym.