Luis Daniel Paredes Zamudio

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Education

School of Sciences, UNAM

Coyoacán, México City

Bachelor's Degree in Computer Science

May 2026

Relevant Coursework: Data Structures, Algorithm Analysis, Databases Fundamentals, Introduction to IoT Technologies, Automata Theory, Computational Logic, Software Business Management, Software Engineering

Technical Skills & Projects

Programming: Python, Java, Haskell, Bash, MariaDB, MySQL, OracleDB **Technical:** Ubuntu, Arch Linux, Windows 10, Windows 11, Git, GitHub

IT Ticketing System

wallsified/IT Ticket System

Implemented a database management system for IT Tickets for a Small Enterprise using MySQL & MariaDB. The system allows technicians to create, reassign or delete tickets. Simultaneously, the system implements methods for common actions of an IT technician, like closing or reopening a support ticket.

SAT Solver for K-Colorations for a Simple Graph

wallsified/graph-sat-coloring

Implemented a CLI for the K-Coloring Problem for Simple Graphs, using a SAT Solver. Allows the user to create a graph or to select one predefined to see all the possible k-colorations for it. Implemented only using Haskell libraries.

Shamir's Shared Secret Scheme

wallsified/Shamir-s-Shared-Secret

Implementation of a Python CLI for the Shamir Shared Secret Scheme. The scheme is a cryptographic algorithm that works as a form of secret sharing where a secret is divided into parts and each participant is given a single part, where all or part of them are needed to reconstruct the secret.

Experience

Equilibra S.A de C.V Technical Support Engineer

Naucalpan de Juárez, State of Mexico

April 2021 –

- Provided technical training for company-wide staff, boosting team efficiency by 35%.
- Analyzed and diagnosed hardware, software, and network issues using diagnostic tools, resulting in a 98% issue resolution rate.

Leadership and Activities

Sudo FCiencias

Coyoacán, México City

Co-Founder / Technical Leader

September 2024 –

- Founded a Student Club meant to fill the gaps on the Computer Science curriculum, including technological, social and academic gaps.
- Got official recognition for making workshops and events on a variety of topics such as programming languages, scientific papers discussion, technological advances, etc.

Languages & Skills

Languages: Spanish (Native), English (C1), Italian (Basic/A2)

Soft Skills: Communication, Discipline, Organization, Willingness to Learn, Team Building,

Adaptability