

EDUCATION

National Autonomous University of Mexico

Bachelor of Science in Applied Mathematics and Computer Science

Graduating Aug 2022

Mexico City

Sistemedic

Emergency Medical Technician

October 2017 - November 2019

Mexico City

WORK EXPERIENCE

Internship Program, [Auronix](#)

Tech & Product Intern

June 2021 - present

Mexico City

- Contribute to a multi-team effort to deliver constant improvements to the performance, code quality and test coverage of the core back-end services.

Competitive Programming Club, [GUAPA](#)

Organizer y Mentor

April 2019 - present

Mexico City

- Support and guide students interested in learning competitive programming, teach them basic through intermediate programming concepts and common algorithms in the field as well.

Sistemedic

Emergency Medical Technician

September 2018 - March 2020

Mexico City

TECHNOLOGIES

- **Programming** (Years of experience)
Python(3), C/C++(3), Rust(2),
JavaScript/TypeScript(2), Go(1), C#(0.5)
- **Web**
HTML, CSS, Django, Rocket, Heroku, Laravel
- **Others**
SQL (PostgreSQL, MySQL), GNU/Linux,
Git/GitHub, Microsoft/LibreOffice suite, Inkscape

LANGUAGES

- **Spanish** Native
- **English** Proficient, B2-CEFR

AWARDS

- [3° place](#), 15° National Programming Contest ANIEI
- [Top 5%](#), ACM-ICPC Grand Prize of Mexico 2020
- 8° place, Facebook Spanish Hack 2021 (Latin America)

PROJECTS

Full list of projects at my [website](#).

- [GrafosOptimizacion](#) (Go/TypeScript)
A website aimed at helping students to better understand some common graph algorithms by providing an interactive and visual way of solving them.
- [Telegram ChatBot](#) (Rust/PostgreSQL)
A bot that provides information about the people I volunteer with in an EMT organization. Uses the official Telegram API and runs on a Raspberry Pi.
- [Git Implementation, \$\mu\$ Git](#) (Rust)
Basic implementation of the most common commands and features of the distributed version-control system, Git.
- [Numerical Methods](#) (Python/Django/Heroku)
Web page where various numerical methods are explained and implemented with their respective graphical representations.