# David Armando Silva de Paz

+52 5547065499     davidshiro.pichu@ciencias.unam.mx     github.com/shosholanda     linkedin.com/in/david-armando-silva-de-paz-b24597

## Career Summary

I'm a Linux enthusiastic, cyber security and cryptography fan. I've developed in frontend and backend for private APIS using frameworks like Spring with JPA, Django with flask and MySQL/Postrgre as Database manager and basic HTML/JavaScript for user interface. Developer of RPA automation with UiPath and experience with AWS infrastructure. Love to solve puzzles, and optimize any problem.

## Education

**Faculty of Science, Universidad Nacional Autónoma de México**    *Mexico City, Mexico*
*Bachelor of Science in Computer Science*    Fall 2018 - Winter 2023 GPA: 3.7

## Experience

- **Roomie**    *Winter 2021 - Winter 2022*
  *Automation Developer and Technical Support*    Mexico City, Mexico
  – Robot Process Automation (RPA) development with UiPath Studio and Orchestrator that help to automate some manual tasks like market analysis, spreadsheet operations and document analysis.
  – Experience with AWS infrastructure and management for a single user. Administrator and manager for digital calls using Amazon Connect and Simple Email Service.
  – Automated chats and bots using Discord API with python.
  – Team work with other departments and helping them to solve technical problems.
  – Keeping track of the progress using KPIS as metrics.

## Classes Taught

I've been teacher assistant of theory and laboratory at the Faculty of Science at **Universidad Nacional Autónoma de México** of the following courses:

- Blockchain Introduction
- Code Theory
- Cryptography and Security
- Data Structures
- Introduction to Computer Science

## Personal and Scholar Projects

- **Cafetería Alina** Web application for a cafe | Python, Flask    *In process*
  *scale the sales using front-end and back-end modeling*    github

## Certifications and Extracurricular Courses

**Contestant at a BBVA Hackaton.**    *Mexico City, Mexico*
*Honorable mention.*    2022 - GPA:

## Publications and Talks

- **Propedéutico para Ciencias de la Computación** Manual del propedéutico para Ciencias de la Computación **Since. Aug. 2022**
  *An event for future first-year college students of Computer Science, create and update topics and give them talks about initiation in Computer Science.*
- **El Encuentro del Mañana, Universidad Nacional Autónoma de México**    **Since. Apr. 2021**
  *I have been giving talks about my experience as a Computer Science and mathematics student and solving questions about the majors.*

## Areas of Interest

- Algorithms and Data Structures.
- Philosophy/Foundations Of Mathematics.
- Teaching.
- Code Theory
- Linear Algebra
- Relational and no relational Databases

## Technical Skills

**Programming**: Java (6 yrs), Python (6 yrs), Go (1 yr), JavaScript (1 yr), C/C++, SQL [postgres, MySQL], markup languajes, shell, many others as needed.
**Frameworks**: Spring, Flask
**Developer Tools**: Git, Github, GitLab, bitBucket, emacs, Eclipse, LaTeX, Eclipse, Netbeans, VirtualBox, VMWare, Packet Tracer, Processing.
**Operating Systems**: Linux (Ubuntu, Fedora, Debian, Arch)
**Libraries**: JUnit, Numpy, Pandas, MatplotLib

## Languages

**Spanish**: Native
**English**: Business Conversational
**Russian**: Intermediate