Alan Bellon García

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Summary

Passionate computer scientist, in love with Python and SQL. I have good skills in Linux Systems and Networking. I am currently leveraging my experience as a Python instructor, demonstrating fervor for knowledge dissemination. Committed to continuous learning and developing innovative solutions.

Education

Universidad Nacional Autónoma de México (UNAM)   BS in Computer Science
Mexico City   Sep 2022 – 2024

- GPA: 8.9/10.0
- **Coursework:** Computer networks, Unix/Linux system administration, Data Structure, Computer Architecture, Offensive Security, Algorithm Analysis, Database Fundamentals.

Experience

Python teacher   Manuel Cataño School
Online   May 2023 – Present

- I taught Python programming classes to students of all ages, from children to adults..
- I instructed in advanced topics such as recursion and object-oriented programming (OOP).
- I guide students in creating hands-on and engaging projects such as tic-tac-toe, hangman and chess games.

Database administration   Universidad Nacional Autónoma de México (UNAM)
Faculty of Sciences, University City, Mexico City   July 4, 2023 – December 8, 2023

- Contributed during my social service by assisting in the preparation of the first symposium on computer philosophy at UNAM.
- Help organize and manage the event database using SQL and Microsoft Office package.

Projects

Inventory Management System (IMS)   2023

- Design and development of a PostgreSQL database to manage an online store's inventory. Entity modeling, implementation of SQL queries, and development of search and shopping cart functionalities.

App   May 5, 2023 – May 11, 2023

- I developed the user interface (front-end) of an innovative digital platform designed to foster academic success among incoming students. Using modern web technologies such as Figma, HTML, CSS, and TypeScript, I created an intuitive user experience that connects students of different levels to facilitate knowledge sharing and mentorship. This initiative significantly contributed to reducing failure rates.

Technologies

Languages: Python, Java, SQL, Bash, Haskell, Racket
Software: Visual Studio Code, Git, IntelliJ, GitHub