SKILLS

- Backend Development
- Database Management
- Data Analysis
- Kotlin
- Kotlin Notebook
- Ktor
- Python
- C/C++
- Data Structures
- Competitive Programming
- Java
- Problem-solving
- Maths
- Team player

EDUCATION

01/2024 – Current
Central University Martha Abreu of Las Villas | *Villa Clara, Cuba*
Bachelor of Science: Computer Science

LANGUAGES

Spanish

Native

English

Intermediate
Duolingo overall score 110

Ernesto Serize

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✉ ernestoserize@gmail.com

PROFILES

- https://www.linkedin.com/in/ernesto-serize-19253a299/
- https://t.me/serize02
- https://github.com/serize02

MOTIVATION

My passion for programming began in high school, sparked by the excitement of competitive programming challenges. The joy of creating elegant solutions and the thrill of outperforming others fueled my desire to learn more. As a computer science student, I am constantly learning and evolving as a programmer. I'm always looking for ways to improve my skills. My ultimate goal is to become a data scientist and build intelligent systems that can have a profound impact on the world. I am very committed to my goals and ambitions, they have made me grow not only as a programmer, but also as a person, because I know that every problem is an opportunity to create something incredible.

WORK HISTORY

03/2024 - Current
Ktor, Backend Developer on the Siral Project
Faculty of Mathematics, Physics, Computing

- Use of the Ktor framework in the server-side of the application
- Database management with the Exposed plugin linked to PostgreSQL
- Using asynchronous programming for optimal processes
- Jwt authentication
- Using Dataframe and Kandy for data analysis and statistical control to achieve a better planning at the university.

09/2022 - 07/2023
Competitive Programming Assistant Coach
Institute of Exact Sciences, Carlos Roloff

- Assisted head coach in competition prep, promoting teamwork and achieving notable student success.
- Conducted problem-solving sessions, enhancing analytical skills and improving contest performance.

CERTIFICATIONS AND LICENSES

- CS50 Introduction to Computer Science, Edx, Harvard University
- Duolingo English Test

- Main professor in Mathematics, Data Structures and Graph conferences

AWARDS, ACCOMPLISHMENTS, AND HONORS

- Contestant in the 34th International Olympiad in Informatics, Indonesia 2022.
- Gold medalist in the Cuba National Programming Contest, 2022
- Contestant in the Ibero-American Informatics and Computing Competition (CIIC), 2022.
- Silver medalist, 26 Mexican Informatics Olympiad (Invited).
- Silver medalist, International College Programming Contest (ICPC) in high school team (Invited).

DEVELOPER TOOLS

IntelliJ IDEA Ultimate, Pycharm, DataGrip, Anaconda, Jupyter Notebook, GitHub, Gradle