Fabiola GARCÍA PIANA

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EDUCATION

Universidad Popular del Estado de Puebla (UPAEP)   **México**
Bachelor of Software Engineering   Graduating in June 2026
Cumulative GPA: 9.8/10
80% Academic Scholarship
Relevant Coursework: Discrete Mathematics · Data structures and algorithms · Automata theory · Object oriented programming

EXPERIENCE AND COMPETITIONS

President of Student's Association: Competitive Programming UPAEP (CPU).   Jun. 2023 – Present

- Lead and coordinate the group along with my team, assuming the responsibility of **directing and supervisin**g all activities related to the student group, ensuring its proper functioning and development.
- Act as an efficient **intermediary and effective communicator between the university authorities** and the members of the student group, guaranteeing adequate coordination and flow of information.
- **Teach an average of 6 hours a week**, courses of competitive programming; fundamental´s and data structures, providing students with the necessary skills to compete and excel in this field.

UPAEP Internal Competitive Programming Contests

- Fundamentals contest: **Placed 1st** out of 10 teams (Programming language C++).   Dec. 2022
- 24-hour marathon: **Placed 2nd** out of 24 teams (Programming language C++).
  Mar. 2023

Competitive programming Hackathon UPAEP 2024   Mar. 2024

- Coordinated, fundraised, and secured sponsorships (Oracle MDC), for an internal competition.
- Orchestrated the planning and implementation of programming challenges for the competition, attracting over 100 participants.

International Collegiate Programming Contest (ICPC) México   Apr. 2023

- **Ranked 116th** out of 458 teams, on the national stage.

Volunteer on "Club Amigos Teletón" for Teletón Foundation   2020-2022

- Responsible for organizing and taking care of volunteers participating in a program dedicated to promoting the inclusion of individuals with disabilities.

PROJECTS

Ground Station implementation for CubeSat satellite   May 2024 - Present

- Part of the software development team responsible for configuring and programming the computer system that controls a **satellite and radio infrastructure**.
- In charge of **programming the commands** that facilitate communication between the ground station and the satellite, enabling the transmission of specific instructions between them.

Enable - Hackathon ITESM Campus Puebla   Jun. 2024

- **Led the front-end development** of a website aimed at promoting social inclusion for individuals with disabilities, utilizing pure HTML and CSS to create an accessible and user-friendly interface.

Expendedoras Villareal Database   Jan 2024 - Present

- Utilizing SQL, I designed and implemented a relational database for a family business, with plans to scale it into a customized ERP system.

Graphing calculator   Apr 2024

- Using Java's graphic library, I led the development of a user-friendly polynomial graphing tool. This project involved conceptualizing, designing, and implementing algorithms to accurately plot polynomial functions, as well as knowledge of object oriented programming.

THECNICAL SKILLS AND CERTIFICATIONS

Cisco Networking Academy   **México**
CCNAv7: Introduction to Networks   December 2023
Passed with Merit.
Oracle Academy   **México**
Database Foundations, and Database Programming with SQL   Nov. 2023, May. 2024
Relevant Coursework: Design and implementation of relational databases with SQL.
Ubuntu Leaders Academy   **México**
Social leadership   July 2024
Relevant Coursework: Self-awareness, Self-confidence, Resilience, Empathy, Service.

Skills: Programming Languages: C, C++ (2 years), Java (12 months), Python (3 months), JavaScript (1 month).
Knowledge: Data structures, Analysis and design of algorithms, object-oriented analysis and programing, design and implementation of relational data bases, design a basic network, project management.
Language: Spanish (Native), English (C1 ITP TOEFL).
Interests: Sci-Fi Literature, volleyball, Ping-Pong, singing, playing piano.