

Daniel Araya Román

Back End Developer | Systems Engineering Student | AI Enthusiast

San Isidro de El General, Pérez Zeledón, San José 11901 • darayaroma@gmail.com • (506) 8642-0240 •

<https://portfolio.arayaroma.software>

Experience

Universidad Nacional (UNA) Pérez Zeledón, Costa Rica
Student Assistant – STEM Project and University Leadership January 2024 – Present

- Collaborate in the implementation of the STEM project in the Brunca Region, promoting youth engagement in science and technology
- Represent the university as an international speaker at the 21st Conference on Technology, Knowledge, and Society in Taiwan
- Lead an interdisciplinary team of 15 members, enhancing collaboration, communication, and event planning skills

Universidad Nacional (UNA) Pérez Zeledón, Costa Rica
Tutor – Data Structures & Algorithms January 2024 – November 2024

- Designed and delivered personalized tutoring sessions on topics such as AVL trees, dynamic programming, and graph theory, benefiting over 20 students per semester
- Utilized visual aids and hands-on projects to reinforce technical skills
- Enhanced student preparedness for academic evaluations and technical interviews

Universidad Nacional (UNA) Costa Rica
Certification – Robotic Process Automation (RPA) Course August 2024

- [Certificate](#)

International Experiences

National Changhua University of Education Changhua, Taiwán
Speaker – 21st International Conference on Technology, Knowledge, and Society April 2025

- Presentación: *Estrategia regional para eventos STEM: el caso del UNA Brunca Code Challenge*
[Certificate](#)

Fundación Universitaria Compensar Bogotá, Colombia
Speaker – Educational Technology and Innovation Congress November 2024

- *Presentation: Real-time translation agents using artificial intelligence (STT, TTS)*
- Technologies used: Python, Deepgram, ElevenLabs, NLP, STT, TTS

Education

UNIVERSIDAD NACIONAL (UNA) Pérez Zeledón, Costa Rica
Bachillerato en Ingeniería en Sistemas de Información February 2021 – November 2025 (on course)

UNIVERSIDAD NACIONAL (UNA) Pérez Zeledón, Costa Rica
Diplomado en Programación de Aplicaciones Informáticas February 2021 – June 2024

Hard Skills

Technologies: AWS, Linux, Python, TypeScript, Java, Node.js, PostgreSQL, MongoDB, Docker, Git, Nginx, Traefik, REST API, GraphQL, NLP (Natural Language Processing).

Languages: Spanish. English.

Interests: Creating improved AI agents. Retrieval-Augmented Generation (RAG)