

Alvaro A. Siles Quesada

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EDUCATION

University of Costa Rica (UCR)

Bachelor's Degree in Business Informatics

Costa Rica

Expected Graduation, December 2026

- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Artificial Intelligence, Data Analytics, Software Architecture and Economics for Informatics.

Instituto Nacional de Aprendizaje (INA)

Web Design and Development Technician

Cartago, Costa Rica

Completed: 2021

- o **Related Coursework:** Full-Stack Web Architecture, UI/UX Design Principles, and Responsive Web Systems.

PROJECTS

GAPA Appointment Management System

Team Lead (Full-Stack)

San José, Costa Rica

Jul 2024 – Nov 2024

- Developed a full-stack web system using Vanilla JavaScript and PHP to automate appointment scheduling for an accounting firm.

ICE Fault Management System

Team Member (Full-Stack)

Turrialba, Costa Rica

Jul 2024 – Nov 2024

- Built a web platform using Angular and C# to track electrical faults, replacing manual and repetitive tasks for workers.
- Applied Agile methodologies and gathered requirements through substation visits to align the software with workers.

ACTIVITIES

GIZ & University of Costa Rica (UCR)

Project Assistant – NEGOTIUM Initiative

Costa Rica

Dec 2025 – Present

- Helped participants with installation issues, system usage, and technical questions.
- Collected user feedback, reported software bugs and suggestions to the development team.

University of Costa Rica (UCR)

Teaching Assistant for Database Fundamentals

Turrialba, Costa Rica

Jul 2024 – Nov 2024

- Supported students learning relational database design and SQL queries.

University of Costa Rica (UCR)

Teaching Assistant for Analysis and Systems Design

Turrialba, Costa Rica

Jul 2025 – Nov 2025

- Evaluated student assignments and projects focused on software design.
- Reviewed student code in GitHub repositories to grade their projects.

CERTIFICATIONS

Scrum Fundamentals Certified (SFC™) | SCRUMstudy

Aug 2025

Windows Local Privilege Escalation | PWNEDCR x08

Nov 2025

SKILLS

Programming: Java, JavaScript, HTML5/CSS3, SQL, C#, PHP, Python, Node.js, React, ASP.NET.

Tools: Git, Bootstrap, Spring Boot, Docker, SQL Server, MongoDB, WordPress, Power BI, Scrum, Agile, Microsoft 365.

Platforms: Linux and Windows.

Languages: English, Spanish