

Yordi Brenes Roda

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Education

Costa Rica Institute of Technology, Bachelor's Degree in Computer Engineering Feb 2019 – Jun 2025

- Weighted Average Score: 89
- **Coursework:** Image Processing, AI, Software Architecture

Skills

Programming: Python, C#
Web Development: HTML, CSS, JavaScript, TypeScript
Frameworks: ASP.NET, React, Angular
Cloud Platforms: Azure, GCP
Soft Skills: Teamwork, Communication, Problem-Solving
Other: AI, SQL Server, Git, SCRUM, Linux

Projects

Restaurant Web Page, Costa Rica Institute of Technology 2023

- Developed a robust RESTful API using Python Flask and JavaScript, ensuring seamless integration with various microservices.
- Design and deploy a scalable microservices architecture using GCP
- Employed Kubernetes and Docker for container orchestration
- Implemented and automated functional UI testing, API unit testing and integration tests.
- Built a dynamic and responsive front-end using React

Web-Based Card Game, Costa Rica Institute of Technology 2023

- Implemented a RESTfull API using .NET ensuring comprehensive unit test coverage.
- Employed CI/CD practices to automate workflows and streamline cloud deployment processes.
- Created a flexible and adaptive front-end using Angular.
- Designed, implemented, and managed SQL databases, optimizing data
- Employed Azure DevOps in an Agile environment

3D Modeling from digital images, Costa Rica Institute of Technology 2024

- Worked with bigs amounts of data to train and test an AI using Pytorch.
- Handled AI models for point cloud registration and depth estimation.

Certificates

Profesional Development Program ITCR - Miravalles Univesity Feb 2023 – Nov 2024

- Managed a class of approximately 30 students and designed activities focused on soft skills development
- Participated in workshops focused on emotional intelligence, conflict resolution, and communication

Lenguages

- **English:** Advanced
- **Spanish:** Native