



Johan Rodríguez Salas

Computer Engineering Student

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Professional Profile

I am a Computer Engineering student at the Instituto Tecnológico de Costa Rica, with a strong interest in machine learning and software development. I have experience working in multidisciplinary teams alongside designers and developers, contributing to the implementation of technical solutions, performance optimization, and user-focused design. I'm highly motivated to take on complex challenges, continuously expand my knowledge, and build impactful and innovative technology.

Education

Instituto Tecnológico de Costa Rica

- BSc in Computer Engineering (2022 - Present)

CTP Santa Rosa de Pocosol

- Technical Degree in Communication Networks (2019 - 2021)
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Experience

Computer Vision Researcher (Research Group at ITCR)

- Developed image processing algorithms using AI.
- Applied Machine Learning techniques for visual analysis.
- Collaborated in a multidisciplinary research team to optimize AI models.

Mathematics Tutor (Colegio Científico Costarricense)

- Assisted students in developing precalculus skills and logical thinking.
 - Encouraged problem-solving approaches through personalized guidance.
 - Enhanced my communication and teaching skills in collaborative settings.
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Technical Skills

Programming Languages: C/C++, Python, Go, C#, Java.

Tools: Git, Docker, Unix/Linux.

AI: TensorFlow, PyTorch, scikit-learn, OpenCV, Keras.

Languages

- **Spanish:** Native.
- **English:** Intermediate (B2).