EMILIO JAVIER ROJAS ÁLVAREZ

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📍 Montes de Oca, San José, Costa Rica

PROFESSIONAL EXPERIENCES

Administrative Assistant
ICOD

📅 2019 – Present   📍 Grecia, Costa Rica

- Multiple administrative tasks.
- Automation of the invoicing process, integration of the management system with third-party systems, reducing up to 50% the time required for the invoicing process.

Web Developer
Software Eng. Esteban J. Rojas.

📅 2014 – 2019   📍 San Pedro, Costa Rica

- Data analysis and reporting for educational center surveys.
- Development of a webRTC system and integration for an e-learning platform.

Laboratory Assistant
LIIB-UCR

📅 2015 – 2020   📍 San Pedro, Costa Rica

- Management of IT systems and general help on a research project involving brainwaves acquisition, analysis and classification.
- Improved the classification results from 75% up to 93% accuracy due to improvements on the machine learning parameters.

VOLUNTEERING

Volunteer
Raleigh

📅 2014   📍 Perez Zeledón, Costa Rica

Various work on an ecotourism centre on the Talamancan Range.

Volunteer and Collaborators
AFS

📅 2012   📍 Grecia, Costa Rica

Collaboration on multiple activities with national and international exchange students.

PUBLICATIONS

- Auditory imagery classification with a non-invasive Brain Computer Interface, *2019 9th International IEEE/EMBS Conference on Neural Engineering (NER)*, San Francisco, CA, USA.

EDUCATION

Engineering Informatics
Universidad Estatal a Distancia

📅 2014 – Present   📍 San Pedro, Costa Rica

Electrical Engineering
Universidad de Costa Rica

📅 2011 – Present   📍 San Pedro, Costa Rica

Lukio (Exchange Year)
Salon Lukio

📅 2011-2012   📍 Salo, Finland

High School
Colegio María Inmaculada

📅 2006-2010   📍 Grecia, Costa Rica

TECHNICAL SKILLS

Circuit Design/Analysis/Test

MS Office   C/C++   Python

Linux Shell   Powershell   JAVA

SQL   HTML/CSS/JS

QUALITIES

Proactivity   Active Listening

Effective Communication   Research

Teamwork   Integrity   Flexibility

LANGUAGES

Spanish ●●●●●
English ●●●●○
Finnish ●●○○○

RECREATIONAL ACTIVITIES

Hiking   Biking   Electronics

Wood crafting   Philosophy   Poetry