

FABIAN PEREZ

Software developer and AI Researcher

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CAREER SUMMARY

Currently a 9th-semester Computer Science student at Universidad Industrial de Santander (UIS). I have collaborated with diverse teams contributing significantly to academic research. Parallel to my academic pursuits, I have ventured into the professional market as a freelance web and AI developer.

WORK EXPERIENCE

Developer | DLsoft 2023-2024

- Developed projects with React for web, mobile applications with Flutter, and automated bots with Python.

Research Assistant | UIS 2023-2024

- Assisted in conducting in-depth research in the field of Artificial Intelligence for ToF imaging and spectral imaging processing, contributing to the formulation of papers.

AI Developer | Moresales 2024-

- Worked on creating AI bots using Retrieval-Augmented Generation (RAG) for automatic Business Intelligence.

RELEVANT PROJECTS:

Privacy-Preserving Deep Learning Using Deformable Operators for Secure Task Learning

ICASSP Conference Accepted Paper | 2024

- Authored a comprehensive research paper that delved into the integration of deformable operators within deep learning frameworks to enhance privacy preservation.

Material Segmentation with Embedded Spectral Information from RGB-D imagery

CVPR Conference LatinX Workshop Accepted Paper | 2024

- Pioneered a cutting-edge deep learning framework enhancing material segmentation by embedding spectral information from RGB-D images.

AWARDS AND HONORS

Winner of Productivity Booster Category | Yipao: AI-driven SQL interactions

Google Cloud Vertex AI Agent Builder Hackathon 2024

Winner of Challenge 2 | Hunter: AI bot for automatic people analytics

Indra Hackday 2024

EDUCATION:

2020 - Today | Universidad Industrial De Santander

Computer Science Student - Departament of Computer Science

Semester: 9/10 GPA: 4.33/ 5.0

SKILLS:

- Back-end web development
- Pytorch and Deep Learning Tools
- Linear Algebra, Generative AI
- Team Leadership