VALENTIN LOPEZ

CONTACT

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in valentin--lopez

○ valenlopez993

🌐 https://valentinlopez.netlify.app/

LANGUAGES

- Spanish - Native
- English - Fluent
- French - Fluent

TECHNICAL SKILLS

- Python
- C/C++
- Flutter
- Flask
- PostgreSQL
- SQLAlchemy
- Git
- Docker
- Linux
- AWS - Sage Maker
- Pytorch
- Transformers
- Nvidia Deepstream
- Gstreamer
- Nvidia Jetson
- MCP

SOFT SKILLS

- Communication
- Teamworking
- Collaboration
- Leadership
- Curiosity
- Proactivity
- Organization
- Troubleshooting

ABOUT ME

I am a mechatronics engineer with a double degree with focus on computer science and 2 year of experiece working with AI/ML systems.

As a team player, I feel comfortable working with people from different backgrounds and areas of expertise, listening to their ideas and contributing with my owns.

I am really curious, specially on AI, so I spend a lot of time seeking for ways to improve my skills or learn new ones.

I am currently looking for a full-time role in AI, particularly in computer vision.

WORK EXPERIENCE

MACHINE LEARNING ENGINEER - ANT AUTOMATION | Jul 2024 - Present

Worked on the development of a computer vision system for pallet assembly control in a wholesale distribution center. I was responsible for the entire backend pipeline, including database management, research, model preparation, training, and deployment of computer vision models. The system was integrated into embedded platforms (NVIDIA Jetson devices)

Skills:
- Machine Learning
- Database management
- Nvidia Jetson

Software:
- Deepstream
- Gstreamer
- Pytorch
- Linux

AI ENGINEER - HOOMANO | Jul 2023 - Dec 2023

Worked as a research intern focused on training and evaluating open-source large language models (LLMs) to contribute to the development of an open-source digital assistant platform that helps companies and individuals build their own AI-powered assets.

Skills:
- Large Language Models
- PEFT Methods

Software:
- AWS - Sage Maker
- Transformers - HF

NLP PROGRAMMER - CERV | Feb 2022 - Jun 2022 - More info here

Developed an intelligent dialog system for the Pepper robot, enabling it to recognize potential speakers, interpret their intent, and respond with appropriate actions

Skills:
- NLP system development
- Speech-To-Text models

Software:
- Python - Spacy
- ROS

EDUCATION

École Nationale d'Ingénieurs de Brest - France

Generalist Engineering | Feb 2022 - Feb 2024

Universidad Nacional de Cuyo - Argentina

Mechatronics Engineer | Mar 2018 - Mar 2024