



VALENTIN LOPEZ

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About me

I am a mechatronics engineering student currently pursuing a double degree in France. 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 own. I am really curious, so I spend much time seeking ways to improve my skills or learn new ones. I have a passion for technology mainly for robotics and IA.

I am seeking an internship to continue my learning.

Education

Master of Engineering École Nationale d'Ingénieurs de Brest, France
Feb 2022 - present

Mechatronics Engineer Universidad Nacional de Cuyo, Mendoza, Argentina
Mar 2018 - present

Work Experience

NLP Programmer Centre Européen de Réalité Virtuelle, Brest, France
Feb 2022 - Jun 2022

Skills:

- Natural Language Processing system development
- Speech-To-Text models

[Click here for more information](#)

Software:

- Python - Spacy
- ROS

Finance manager INCA Junior Enterprise, Mendoza, Argentina
Mar 2020 - Jan 2022

Skills:

- Cash flow management
- Investment management

incaej.com

Projects

3D Printer [Click here for more information](#)

Skills:

- Construction of the mechanical system
- Electronic system and firmware set-up
- Design and development of prototypes

Software:

- Arduino IDE
- Cura

Real-Time Operating System

[Click here for more information](#)

Skills:

- PI digital controller implementation
- Color recognition - PixyCam
- HMI development
- UART and I2C communications

Software:

- STM32CubeIDE
- Python - PyQt5
- Pixy2 - PixyCam

Android APP

[Click here for more information](#)

Skills:

- GPS Location
- GPS Orientation
- Objects Recognition - Tensorflow model

Software:

- Android Studio
- Google Colab - For training the Tensor-Flow model

Involvements

Capture the flag - Educational hacking event

École Nationale d'Ingenieurs de Brest, France
Jan 2022

Python course instructor

INCA EJ, Mendoza Argentina
May 2021

Skills and Knowledge

Software:

- Visual Studio Code
- Android Studio
- STM32CubeIDE
- MATLAB
- Arduio IDE
- Cura
- CATIA v5
- Fusion 360
- Microsoft Office

Programming:

- C/C++
- Python
- Unified Modeling Language
- Object-Oriented Programming
- VHDL
- HTML and CSS programming
- Git
- Linux

Soft Skills:

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

Languages

- **Spanish** - Native
- **English** - B2
- **French** - B2