

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

Generalist Engineering	École Nationale d'Ingénieurs de Brest, France Feb 2022 - Jun 2023
Mechatronics Engineer	Universidad Nacional de Cuyo, Mendoza, Argentina Mar 2018 - Jun 2024

Work Experience

NLP Programmer	Centre Européen de Réalité Virtuelle, Brest, France Feb 2022 - Jun 2022
Skills:	Click here for more information
<ul style="list-style-type: none">• Natural Language Processing system development• Speech-To-Text models	
Software:	
<ul style="list-style-type: none">• Python - Spacy• ROS	
Finance manager	INCA Junior Enterprise, Mendoza, Argentina Mar 2020 - Jan 2022
Skills:	incaej.com
<ul style="list-style-type: none">• Cash flow management• Investment management	

Projects

3D Printer	Click here for more information
Skills:	Software:
<ul style="list-style-type: none">• Construction of the mechanical system• Electronic system and firmware set-up• Design and development of prototypes	<ul style="list-style-type: none">• 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
- Arduido 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