



VALENTIN LOPEZ

EDUCATION

- École Nationale d'Ingénieurs de Brest
Generalist Engineering | Feb 2022 - Present
- Universidad Nacional de Cuyo
Mechatronic Engineer | Mar 2018 - Present

WORK EXPERIENCE

- NLP Programmer CERV | [More info here](#)
Feb 2022 - Jun 2022

Skills: Software:
 - NLP system development
 - Speech-To-Text models
 - Python - Spacy
 - ROS
- Finance Manager INCA EJ | [incaej.com](#)
Feb 2020 - Jan 2022

Skills:
 - Cash flow management
 - Investement management

SOFTWARE

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

SKILLS

- C/C++
- Python
- UML
- Git
- HTML5
- Tensorflow
- OOP
- Linux
- CSS3
- Keras
- VHDL

LANGUAGES

- Spanish ●●●●●
- English ●●●●●
- French ●●●●●

CONTACT

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in valentin--lopez

🌐 <https://valentinlopez.netlify.app/>

ABOUT ME

I am a mechatronics engineering student pursuing a double degree in France, focusing on computer science. 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.

PROJECTS

Real-Time Operating System Oct 2022 - Nov 2022

Skills:

[More info here](#)

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

Software:

- STM32CubeIDE
- Python - PyQt5
- Pixy2 - PixyCam

Android APP

Oct 2022 - Nov 2022

[More info here](#)

Skills:

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

Software:

- Android Studio
- Google Colab - For training the TensorFlow model

3D Printer

Jan 2018 - Jan 2019

[More info here](#)

Skills:

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

Software:

- Arduino IDE
- Cura

INVOLVEMENTS

Capture the Flag

ENIB | Feb 2023

Educational hacking event

Python course instructor

INCA EJ | May 2021

SOFT SKILLS

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