



# VALENTIN LOPEZ

## EDUCATION

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

## WORK EXPERIENCE

- Software Developer CERV | [More info here](#)  
Feb 2022 - Jun 2022

### Skills:

- NLP system development
- Speech-To-Text models

### Software:

- Python
- ROS

- Finance Manager INCA EJ | [incaej.com](#)  
Feb 2020 - Jan 2022

### Skills:

- Cash flow management
- Investment management

## SOFTWARE

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

## SKILLS

- C/C++ programming
- Python programming
- HTML and CSS programming
- UML
- OOP
- VHDL

## LANGUAGES

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

## CONTACT

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in valentin--lopez

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

## EDUCATION

I am a mechatronic engineering student currently pursuing a double degree in France.

I feel comfortable working with people from different backgrounds and areas of expertise.

During my formation, I have worked on various projects and personal initiatives to hone my skills and knowledge in Artificial Intelligence, 3D printing, and Robotics.

I am seeking a 6-month long internship as a minimum.

## 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

#### Skills:

[More info here](#)

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

#### Software:

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

### 3D Printer

Jan 2018 - Jan 2019

#### Skills:

[More info here](#)

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

#### Software:

- Arduino IDE

## 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