

# VALENTIN LOPEZ

# **EDUCATION**

- École Nationale d'Igenieurs 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:

Software:

- NLP system development
- Python
- Speech-To-Text models
- ROS

Finance Manager

INCA EJ | <u>incaej.com</u> 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

• Git

### **SKILLS**

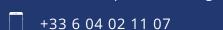
- C/C++ programming
- UML
- · Python programming
- OOP Linux
- HTML and CSS programming
- VHDL

# LANGUAGES

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

# CONTACT





**in** valentin--lopez

https://valentinlopez.netlify.app/

# **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

# **PROJECTS**

# Real-Time Operating System Oct 2022 - Nov 2022

I am seeking an internship to continue my learning.

Oct 2022 - Nov 2022 More info here

Skills

- 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
Educational hacking event

ENIB | Feb 2023

Python course instructor

INCA EJ | May 2021

# **SOFT SKILLS**

- Communication
- LeadershipCuriosity
- Organization

Troubleshooting

- TeamworkingCollaboration
- Proactivity