

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

SKILLS

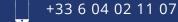
- C/C++ programming
- UML
- · Python programming
- OOP
- HTML and CSS programming
- VHDL

LANGUAGES

- Spanish ● ●
- English
- ... French

CONTACT





valentin--lopez



https://valentinlopez.netlify.app/

ABOUT ME

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

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

INVOLVEMENTS

Capture the Flag Educational hacking event

ENIB | Feb 2023

Python course instructor

INCA EJ | May 2021

SOFT SKILLS

- Communication
- Leadership Curiosity
- Organization

- Teamworking Collaboration
- Proactivity
- Troubleshooting