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:
  - NLP system development
  - Speech-To-Text models

  Software:
  - Python
  - ROS

- **Finance Manager**   INCA EJ | incaej.com
  Feb 2020 - Jan 2022

  Skills:
  - Cash flow management
  - Investement 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
- Git

LANGUAGES

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

CONTACT

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🌐 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

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   ENIB | Feb 2023
Educational hacking event

Python course instructor   INCA EJ | May 2021

SOFT SKILLS

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