



Mía Torres López

Mechatronics Engineering



31 May 1995



Argentina



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About me

Mechatronics Engineering student, passionate about my career and looking forward to contribute in the field of mechatronics, specially interested in Artificial Intelligence.

Languages

Spanish (Native language)

English (TOEIC 990 of 990)

French (DAFL C1)

German (Beginner)

Soft skills

- Organized
- Responsible
- Autodidact
- Proactive
- Adaptability
- Team Work

Education

- 2019-2021 École Nationale d'Ingénieurs de Brest (ENIB) Brest, France
• Double Degree program.
• Generalist Engineering specialized in Informatics, Electronics and Mechatronics
- 2013-Present Universidad Nacional de Cuyo Mendoza, Argentina
• Mechatronics Engineering

Experience

- 2019 École Nationale d'Ingénieurs de Brest (ENIB) R&D
"Implementation of an algorithm for monitoring electrical signals on a STM32 microcontroller"
github.com/mTorres95/Monitoring-electrical-signals-on-STM32
 - Oriented to Three-Phase electrical system and IoT Smart Grid applications
 - STM32, C/C++, Matlab, Python, Eagle, Amazon Web Services (AWS), CubeMX
- 2018 Universidad Nacional de Cuyo R&D
"Robotic control of cinematographic camera"
github.com/mTorres95/Robotic-control-of-cinematographic-camera
 - Forward and inverse kinematics, singularity analysis and trajectory planning
 - Matlab (Peter Corke Toolbox), SolidWorks, Cura 3D, C/C++, Atmel Studio, Atmega328p
- 2017 Universidad Nacional de Cuyo R&D
"Virtual implementation of card game Chanco Va"
github.com/mTorres95/Virtual-implementation-of-card-game-Chanco-Va
 - OOP, Server/Client connection using Sockets, IHM development
 - C/C++, Atom, Qt Creator
- 2017 Universidad Nacional de Cuyo Research
"K-means K-nn performance evaluation"
github.com/mTorres95/K-means-K-nn-Performance-evaluation
 - Learning algorithms: K-means and K-nn, used to differentiate the words RED, YELLOW and GREEN given by voice command
 - Matlab, Arduino UNO

Technical skills

C, C++, Python, Java, Matlab/Octave, Simulink, Qt Creator (IHM)
STM32, VHDL, CubeIDE/CubeMX, Atmel Studio, XBee, Proteus, Eagle
Linux, Windows, Latex, Office suite
Catia

Interests



Playing the guitar and singing



Drawing



Martial arts