

# Julio Gamarra

Enthusiastic student eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Clear understanding of C language and Arduino and training in Python. Motivated to learn, grow and excel in Software Development.

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🎂 16 April 1998

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in julio-gamarra

## SKILLS

English	Teamwork
Proactive mindset	Open to criticism
Organization and Time management	Quick learning

## HOBBIES

Series  
Learn  
Gaming

## EDUCATION

**Instituto 13 de Julio** (March 2011 - December 2016)  
Electromechanic Technician with Electric Orientation 7

Graduated - Azopardo and Humberto Primo

**Universidad Tecnológica Nacional** (March 2018 - December 2025)  
**Master's Degree** Electronic Engineering 7  
Student - Buenos Aires Faculty - Mozart 2300

## PROJECTS

**Automated Schoolyard Clock** (March 2015 - December 2015)  
Design, programming, simulation, testing, development and assembly of a clock with arduino, giant 7-segment displays, controller board, communication with Arduino and power board. Time , chronometer, temperature, date and bell automation and end of recess.

**Function Plotter** (March 2016 - June 2016)  
Simulation, development and assembly of a 10x10 led matrix and a controller board with power.

**Led Matrix with Helmet (mau5head)** (March 2016 - December 2016)  
Design, programming, simulation and assembly of a 40x10 led matrix with Arduino, speakers connection and led show automation.

**MOS 6502 Emulator** (August 2019 - January 2020)  
Design, programming and testin of MOS 6502 software emulator with C language, registers, memory allocation, opcodes, modularization, file handling, TDA and CLA.

**Audio Synthesizer (Work in Progress)** (January 2021 - Present)  
Design, programming and testing of synthesizer software with C language, sound, music scale, MIDI format, WAVE format, synthesis and modulation.