



EYA MAGHRAOUI

YOUNG GRADUATE IN EMBEDDED SYSTEMS

PERSONAL DETAILS

-  eyamaghraoui5@gmail.com
-  +216 93 147 614
-  March 9, 2000
-  Tunisian
-  [linkedin.com/in/eya-maghraoui-779979212](https://www.linkedin.com/in/eya-maghraoui-779979212)

SKILLS

C /C++/ Java
Linux OS, configuration, python
IOT: Zigbee, Zigfox, LoRa, GSM
VHDL/ladder/FPGA/Xilinx/spartan 3E
SOC / ARM cortex/Arduino/ Raspberry Pi
Bus: I2C, RS485, SPI
Android Development
3D CAD (Blender)





SOFTWARE

Isis (Proteus Professionnel)
Matlab Simulink
ModelSim / Xilinx ISE / Vivado / Logisim
Android Studio
Arduino IDE
TIA PORTAL SIEMENS

LANGUAGES

Arabic
French
English
German

SOFT SKILLS

-  Autonomy
-  Sociable
-  Team work
-  Punctual

EDUCATION

Degree in Electrical, Electrical Engineering and Automation with honor | 2019-2022
Specialty: Embedded System

- Higher Institute of Computer Science, Ariana, Tunisia

Baccalaureate in Mathematics | 2018-2019

- Iben Haythem High School, Béja, Tunisia

PROJECTS

- **Graduation project**
-Realize a GSM gateway which consists of receiving and sending SMS with a mobile control application.
-Tags: GSM, gateway, IoT, MQTT, Raspberry Pi, SIM900
- **Robotic ARM | 2021**
- Realization of a robot arm with smartphone control.
-Tags: Arduino, HC-05 Bluetooth module, Servo Motor
- **Line follower robot | 2019**
-Creation of a line follower according to a specification
-Win 2nd prize in the competition "Freeways On Wheel"
-Tags: Arduino, H-Bridge L298N, DC motor, TCRT5000

EXPERIENCES

Freeways ISI Club | 2019-2022

- Member of the Robotics and IOT department
- Control the use of sensors, actuators and Arduino, then build a robot at zero.

Securinets ISI Club | 2020-2021

- Member of the Junior department
- Training children the importance of IT security
- Teaching children how to use Scratch

Google Developer Student Club | 2020-2021

- Member of the Robotics and IOT department
- The basics of the Internet of Things