

# MOHAMED YANIS HIOU

## FIRST YEAR MASTER STUDENT

### TECHNICAL SKILLS

Electronics  
Embedded Systems  
3D Design  
3D Printing  
PCB Design  
Python

### SOFTWARE SKILLS

EasyEDA, KiCad, Altium  
SolidWorks, Fusion360  
Ultimaker Cura, PrusaSlicer  
STM32 Toolchain  
ISE Design Suite  
Visual Studio Code

### PERSONAL SKILLS

Leadership  
Teamwork  
Public Speaking  
Time management  
Networking  
Fast learner

### HOBBIES

Photography  
Drawing  
Writing  
Sport (Volley Ball)  
Teaching

### CONTACT

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### PROJECTS

**GASECURE DEVICE**  
Phikra Competition

**DROP & HANDS**  
Injaz Competition

**3D PRINTER**  
Electro SC

**BIONIC HAND**  
Electro SC

**ROBOTIC ARM**  
Electro SC

**SMART HOUSE**  
Wameedh SC

**IMAGE CLASSIFIER**  
Wameedh SC

**GESTURE CONTROL**  
Wameedh SC

**ENERGYMETER**  
MLH Hackathon

**IOT HMI**  
Futurology Hackathon

**BLUECONTROL**  
Electro SC

**HEALTH MONITORING**  
Electro SC

**LIGHTING CONTROL**  
Electro SC

**SMART PARKING**  
Electro SC

**SMART FARM**  
Electro SC

**EGG INCUBATOR**  
Electro SC

### PROFILE

Yanis is 22 years old, a first year master student in Embedded Systems at the M'hamed Bougara University of Boumerdes, Faculty of Technology. He is involved into Computer Engineering and Hardware Design.

### EXPERIENCE

#### PRESIDENT

Electro Scientific Club | 2021/present

Electro Club is a scientific space that was created on 19 July 2011. It's domiciled within the faculty of technology at the M'hamed Bougara University Of Boumerdes (UMBB), Faculty Of Technology.

#### PROJECT MANAGER

Wameedh Scientific Club | 2020/2023

The project managers team is the heart of any scientific club, they must have the ability to deal with multiple projects and every project technical description beside the full knowledge about the club activities to manage supervising presentable projects.

#### FOUNDER & FORMER LEAD

Google Developer Student Club | 2020/2021

Google Developer Student Clubs are community groups for college and university students interested in Google developer technologies. Goggle DSC Leads are passionate leaders at their university who are dedicated to helping their peers learn and connect.

### EDUCATION

#### BACHALOR DEGREE, MAJOR IN AUTOMATION & CONTROL ENGINEERING

M'hamed Bougara University of Boumerdes | 2023

#### BACCALAUREATE DEGREE, MAJOR IN ELECTRICAL ENGINEERING

Draoui Brothers high school | 2019

### INTERNSHIPS

#### SUMMER INTERN - RIGFLOWER COMPANY

Electronics, Embedded Firmware, IoT, GIS, Web-Dev, Backend

#### SUMMER INTERN - GREENTECH INNOVATION

Electronics, Embedded Systems, IoT, 3D Design, 3D Printing

#### SPRING INTERN - CERAMIC BOUMERDES

Ceramic Manufacturing, Mechatronics, Automation, Robotics

### AWARDS

#### BEST STARTUP IDEA | THIRD PLACE

University of Boumerdes | 2023

#### FUTUTOLOGY HACKATHON | THIRD PLACE

ENSTeins Club | 2022

#### THE MOST CREATIVE STUDENT | FIRST PRIZE

University of Boumerdes | 2021

#### ORAN PHIKRA COMPETITION | THIRD PLACE

Phoenix Club | 2021

#### INJAZ AL ARAB | BEST PRODUCT

Injaz Al Arab | 2020

#### INJAZ EL DJAZAIR | FIRST PRIZE

injaz El Djazair | 2020