



# YOUSSEF BOUNOUACHA

Automation and Software Engineer

## GSM

+212610353236

## Email

bnyoussef00@gmail.com

## LinkedIn

<https://www.linkedin.com/in/youssef-bounouacha-b90981202/>

## Git-Hub

<https://github.com/Youssef-Bounouacha>

## Address

Complexe El Barzakh N 12 Achakar , Tanger

## ABOUT ME

Dynamic and motivated Automation and Software Engineer with a strong work ethic. Excellent problem-solving skills and ability to think critically and creatively.

## EDUCATION

### BACHELOR OF ENGINEERING DEGREE-EMSI RABAT 2019-2022:

Major: Automation and Software Engineer

### DTS-SPECIALIZED INSTITUTE OF APPLIED TECHNOLOGY TANGIER 2017-2019:

Major: Specialized Technician in Electromechanical Automated Systems

### BACCALAUREATE-HIGH SCHOOL PLATON TANGIER 2016-2017:

Major: Bachelor of Physics Science

### HONORIS ONLINE ACADEMY CERTIFICATE:

Module: Social Skills, Communication, Collaboration

Module: Entrepreneurial Skills, Entrepreneurship

## LANGUAGE SKILLS

Arabic

French

English

## HOBBIES

GAMING, SPORTS  
SURFING ON ANYTHING THAT MAY  
INTEREST ME MY AREA OF TRAINING

## PROFESSIONAL EXPERIENCE

2022-2023

### SOFTWARE ENGINEER

#### PULL4YOU SERVICES S.A.R.L, CASA

5-months development of computer skills

Project to develop a transportation service web application.

-Skills: React.js• Redux.js• JavaScript• TypeScript- ReactHooks• Git• Git-Hub• VScode

•Postman •Trello.

#### Full Stack Engineer (Freelance) at Amiza Twinz, Tangier

1-month development and deployment of a web site for a construction company.

Ensure the responsiveness of the application.

-Skills: Project Management, React.js, JavaScript, TypeScript, Yarn, Git, GitHub, VScode,

Material UI, Mantine UI, Hosting, Domain, GoDaddy.

2021-2022

### AUTOMATION AND SOFTWARE ENGINEER

#### REGAL AUTOMOTIVE, KENITRA

5-month graduation project internship for obtaining a state engineering degree.

Project to improve the availability of assembly machines to increase production and reduce downtime.

-Skills: Team leadership • Lean management • Project management • Siemens PLC •

Ladder - STEP7 MicroWIN • WinCC Professional • Siemens.

2020-2021

### SOFTWARE ENGINEER

#### HIRISHMANN AUTOMOTIVE, KENITRA

2 month internship, Development of a SMART INTERVENTION mobile application for the maintenance department service.

-Skills: Flutter • Dart • Adobe XD • VScode • Android Studio • iOS.

2019-2020

### AUTOMATION ENGINEER

1-month INTERNSHIP

Study and simulation of an AC/DC hybrid microgrid for residential buildings.

2017-2019

### MAINTENANCE TECHNICIAN

#### YAZAKI, Tangier

7-month alternating study internship as a specialized technician.

Assist maintenance technicians for start-up of the factory, assembly, and repair of machines and robots, and ensure proper operation.

### COMPLETED PROJECTS:

Fourth year IALL: Study and automation programming of a 4-story elevator

Third year IALL: Study and implementation of an obstacle avoidance robot.

## TECHNICAL SKILLS

• **Computer Science:** Web Development: Visual Studio Code; React.js; Redux.js; JavaScript; Next js; Tailwind; TypeScript; React Hooks; Git; Git-Hub; Trello

• **Automation:** Programmable Automates Programming: Step7 Simatic Manager Industrial Supervision; WinCC flexible; Grafcet; Ladder; Tia portal; Scada; STEP7 MicroWIN.

## TECHNICAL KNOWLEDGE

• **Computer Science:** Programming in: JAVA; C++; Python; HTML; CSS.

• **Automation:** Programming of automation types: Siemens; Schneider; AllenBradley.

• **Industrial computing:** Microcontroller programming Programming using Arduino MEGA boards FPGA programming: VHDL

• **Office software:** Microsoft Office, Word, Excel, PowerPoint.

• **Production and maintenance:** Production management Maintenance management.

• **Soft Skills:** Industrial economics Business management Business law Marketing Analytical accounting Entrepreneurship Lean management Supply Chain management.

• **Electrical:** Electrical installation design: Electrical diagram software tools, instrumentation and measurements, safety sensors for industrial installations

• **Engineering Science:** Mechanics, industrial drawing and CAD, manufacturing processes, fluid mechanics, thermodynamics, machine file preparation, thermal machines.

## SOFTWARE

Git-Hub

Visual Studio

Postman

PVsyst

Unity Pro

WinCC flexible

MATLAB-SIMULINK

WinCC flexible

Step7 Simatic