



oussama horrigue

Nationality: Tunisian **Phone number:** (+48) 504741811

Email address: horrigueouss@gmail.com

Whatsapp Messenger: +216 99 125 217

LinkedIn: <https://www.linkedin.com/in/oussama-horrigue-69624b1b7/>

Website: <https://oussamahorrigue.github.io/Portfolio/>

Website: <https://github.com/oussamahorrigue>

Other: (Germany)

WORK EXPERIENCE

Summer internship

insen (INTELLIGENT SYSTEMS ENGINEERING) [20/07/2020 – 07/09/2020]

City: Monastir

Country: Tunisia

Programmer

Aexol [28/02/2022 – 31/08/2022]

City: Bialystok

Country: Poland

EDUCATION AND TRAINING

Master's degree in mechatronics engineering

Bialystok University of Technology [02/2022 – Current]

Address: (Poland)

Website: <https://pb.edu.pl/en/>

Semester Abroad Studying Mechatronics Engineering

Rheinland-Pfälzische Technische Universität Kaiserslautern [01/09/2022 – 18/04/2023]

Address: kaiserslautern (Germany)

Website: <https://www.uni-kl.de/en/startseite>

Field(s) of study: Mechatronics Engineering

Main subjects:

- Basics of electrical engineering and information technology in commercial vehicles
- Industrial organization
- Requirement engineering
- Security and reliability of embedded systems
- Network security
- Commercial vehicle technology seminar

Research Internship

Bialystok University of Technology [30/09/2021 – 30/01/2022]

Address: (Poland)

Website: <https://pb.edu.pl/en/>

Autonomous Systems Synthesis and Analysis Based on Unmanned Aerial Vehicles Intern

- Design, development, and implementation of the graphic, layout, and production communication materials.
- Simulation and testing control algorithms for autonomous systems.

- Vision-Based localization, environment recognition, and Machine learning techniques.
- Image Processing Integration.

Erasmus+ student

Bialystok University of Technology [02/03/2021 – 29/06/2021]

Address: (Poland)

Website: <https://pb.edu.pl/en/>

Sixth semester of Bsc as an exchange student via Erasmus program passed with a First Class distinction.

- Artificial Intelligence
- Internet of Things
- Antennas and Propagation
- Modern Control of Mechatronics Systems
- Programmable Logic Controllers
- High Voltage Technique

Bachelor's degree

University of Monastir [09/09/2018 – 27/02/2021]

Address: (Tunisia)

Website: <http://www.isimm.rnu.tn/>

Final grade: validated with honors

This training allowed me to master the software development processes by relying on modeling, design, development, and IT project management techniques. These techniques allow the design of modern applications, requiring the integration of heterogeneous components (connection to a database, network communication, and graphical interface for example).

This diploma gave me an excellent education in my field. The main skills acquired are:

- Network systems administration and security
- Electronics and components
- Database administration
- Web programming
- Computer data transmission services
- Radio and television broadcasting networks (terrestrial, satellite, cable network)
- Computer equipment, servers, computer hardware, computers, and software
- Computer architecture
- Data transmission
- Advanced algorithm and data structure

LANGUAGE SKILLS

Mother tongue(s): **Arabic**

Other language(s):

French

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION B2

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

German

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

DIGITAL SKILLS

Master in Python / C C++ C programming / Artificial Intelligence / HTML5/CSS, Javascript / Internet of things / Git / Web Development / Strong requirement gathering skills / Industrial Organization / Industria 40 / Project Management (Project Libre; MS Project) / International Relation