



# AHMED MOUSSAOUI

## Full-Stack Developer



Saint-Ouen, Ile-de-France

+33 753 35 02 50

ahmedmoussaouiimz@gmail.com



smuglilgoat.github.io

github.com/smuglilgoat

### EXPERIENCE

October 2023 →  
Today

#### Software Developer

SEGULA Technologies

- Development of solutions for the automotive industry.  
JS / React / NodeJs / Express / Docker / MySQL / Unity

April →  
October 2023  
current

#### Research and Innovation Intern

SEGULA Technologies

- Real world simulation with Ros/Gazebo.  
- Processing stereophotogrametric results in OpenCV.  
- Texture Map generation.  
- Mesh optimization.  
ROS / Gazebo / OpenGL / C++ / Python / OpenCV

June →  
August 2022

#### Full-Stack Developer

Goubba

- Auditing Web/Mobile applications and other Microservices.  
- Development of several Back-End and Full-Stack web projects.  
- Development of a web-based gift card payment solution for partners's POS.  
- Writing of technical documentation and specifications in English.  
- Project coordination with overseas teams.  
PHP / JS / MySql / Laravel / Vue / Docker / DigitalOcean

February →  
July 2021

#### Research Intern

RIIMA Lab - USTHB

- Bibliographic research.  
- RGB-D Image Processing with Detectron2 and OpenCV.  
- Model Training for Segmentation and Scene Description tasks.  
- Generated a detailed textual description of all objects in an interior scene.  
PyTorch / Collab / OpenCV / Detectron2 / Python

February →  
July 2019

#### Development Intern

LRIA Lab - USTHB

- Software design.  
- Wireframing and Interface Design.  
- Development of a document sharing web application.  
AdonisJS / JavaScript / NodeJS / Vue / REST / Agile

### EDUCATION

2022 → 2023  
current

#### Master's degree in Image and Artificial Intelligence

University of Burgundy - Dijon

Image synthesis and processing, 3D Programming, Geometric Modeling, Animation.

2019 → 2021

#### Master's degree in Computer Vision

USTHB - Algiers

Machine Learning, Data Science, Android Mobile Development, Game Dev and VR.

2016 → 2019

#### Bachelor's degree in Software Engineering

USTHB - Algiers

Software Engineering, Algorithms, Databases, Networks, Object Oriented Programming.

### SKILLS

C/C++ | JavaScript | Python | Git  
Unity | MatLab | PyTorch | OpenCV  
OpenGL | TensorFlow | Pandas  
Matplotlib | D3.JS | Linux  
TypeScript | Webpack | GraphQL  
PostgreSQL

### LANGUAGES

**English** - TOEIC C2 978/999  
**French** - TCF C2 679/699  
**Arabic** - native

### HOBBIES



Hiking

Reading

Climbing



Gaming

Biking

Urbex