



Abdulmajid, Olivier NASSER

SINCE 11/05/1997

Passionate engineer



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https://abd-z.github.io

ABOUT ME

I am a productive person with heightened versatility in several areas with a strong capacity for adaptation

▼ Education

- **ESIEE PARIS** 2017-2020
Engineer's degree in embedded systems.
- **IUT PARIS-DESCARTES** 2015-2017
DUT/DipHE in IT and Computer Science
- **MICHIGAN STATE UNIVERSITY** 2015-2016
Completed courses on Coursera :
 - INTRODUCTION TO GAME DEVELOPMENT
 - PRINCIPLES OF GAME DESIGN
 - BUSINESS OF GAMES AND ENTREPRENEURSHIP
 - GAME DEVELOPMENT FOR MODERN PLATFORMS
- **RICE UNIVERSITY** 2013-2014
Completed course on Coursera :
 - INTRODUCTION TO INTERACTIVE PROGRAMMING IN PYTHON
- **UDACITY** 2012-2014
Completed courses :
 - INTRODUCTION TO COMPUTER SCIENCE
 - PROGRAMMING FOUNDATIONS WITH PYTHON
 - INTRODUCTION TO HTML AND CSS

▼ Miscellaneous

- **SKILLS**
 - GENERAL** : leadership, fast learner, creativ, ergonomic
 - PROGRAMMING** : Python, C/C++, Java, C#, OpenGL/GLSL, Web
 - OS** : Windows, Linux (Debian, Ubuntu)
 - DEV TOOLS** : git, Cmake, VS Code, Jet Brains IDE, Doxygen
 - MULTIMEDIA** : Photoshop, Illustrator, Premiere, Audacity
 - GAME EDITOR** : Unity
- **LANGUAGES**
 - NATIVE** : French, Arabic
 - FLUENT** : English
 - BEGINNER** : German, Chinese, Japanese, Thai
- **HOBBIES**
 - MARTIAL ARTS** : Muay Thai, Sanda, Judo (black belt)
 - SPORTS** : Jogging, Street Workout, Gym
 - ART** : Game Design, Audio/Music Design, CG

▼ Professional Experiences

- **STELLANTIS, France** 2022-Now
 - Virtual Dashboard 2024
Developed a web app that receives cars data through MQTT and displays in real time car's dashboard on browser.
 - Cairefull project 2023
Developed a web app that displays Paris map with PM10 level and cars datas. Developed a program that activates cars air filtering when specific conditions are met. Developed embeded program on OCar (Dunasys).
 - WebPortal 2022-2023
Developed the front end of infotainment's software for PSA groupe vehicles (games app dev and web data optimization).
(JS, HTML, CSS, REACT, NODE, MQTT, SOCKET.IO, C++, NETCDF, PYTHON, INFLUXDB)
- **AUTO ENTREPRENEUR** 2022-Now
Web and logo design ; WordPress trainer ; Server maintenance for Orange's security
- **AKINEA INTERNET, France** 2021-2022
Developed an MQTT client and a server that store and send the data flows of connected devices from Orange network hatches to a supervision in order to ensure the security of their underground network cables.
(LINUX, SSH, REDIS, PYTHON, C, MQTT)
- **ESIEE PARIS, France** 2019, 2020, 2022
IT teacher.
- **ASTEK, France** 2020
Developed a demonstrator on AR/VR headset to help ederly or disabled people to cook.
(YOLO, PYTHON, DOCKER, OPENCV, JAVA, ANDROID)
- **NANYANG POLYTECH, Singapore** 2019
Design of a custom PCB based on an STM32 chip and developed its software sending temperature and humidity by LORA.
(ALTIUM DESIGNER, C FOR STM, LORA)
- **JTEKT-HPI, France** 2017
Developped an HMI in C which communicates with the vehicle's hydraulic pump via CAN, impacting driving.
(C, PYTHON, CAN, BUSMASTER, LABWINDOWS, HMI DESIGN)