Computer internship
From 5 September 2022 [5 months]

SANCHEZ Aldryck
22 years old
Driving licence

PROFESSIONAL EXPERIENCE

2022
4 months
Internship at the company OpenIndoor [bac +3]
[Development of a 3D web application for the interior mapping of buildings]
- Development of camera movement functionalities, collision detection and addition of 3D objets within a web application with MapLibre and ThreeJS.

2021
2 months
Internship in the company Keyoss [bac +2]
[Promotional videos for laboratoires]
- Programming of an Android application allowing the management and distribution of promotional videos.

2017
1 year
Robotics and Programming trainer
MJC Montauban [Wednesday afternoon]
- **Basic electronics**
  - Electronic Components
  - Logic [transistors]
- **Robotic**
  - Remote controlled car
  - Elevator model
- **Programming**
  - Arduino
  - OpenSCAD

2016
Internship at COUSERAND garage [Bodywork repair, Painting]

2015
Inrernship at Bonnafous House [Logistics, Reserve organisation]

PROJETS PERSONNELS

Development of a web video game[FPS]
- Creation of à small demonstrative video game in order to make all the functionalities developed during my internship at OpenIndoor work.

Connected home security system
- Alarm with presence detection and opening of doors and Windows. Management of functions by Bluetooth, NFC, Digicode, SMS.

Online messaging
- Creation of user accounts, logins and storage of encrypted messages in à PhpMyAdmin database.

Encryption application
- encryption of a character string.

Management of the functions of a motorcycle by telephone
- Android application allowing you to switch on ignition, start, honk or turn on lights remotely.

TRAINING

2021-2024
Computer engineering cycle in an engineering school
Training at CESI Labège [Toulouse]

2018-2021
Preparatory cycle in an engineering school
Training at CESI Labège [Toulouse]

2018
"Baccalauréat" STI2D speciality SIN [Good mention]
High scool Antoine Bourdelle [Montauban]

FIELDS OF INTEREST

Computer science :
- Development
- 3D Modeling
- Electronics

Sport :
- Airsoft
- Enduro

Association :
- MontauLAB
  [FabLab of Montauban]

My personal website :
https://aldsanms.github.io/
- On this site are presented several of my projects with descriptions. You will also find details about my background and my skills.

CONTACT DETAILS

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SKILLS

Programming langage

C / C++ / C#
HTML / CSS / SASS
JavaScript
PHP
Python(base&
SQL
React Native / EXPO
Powershell
XML / XAML

Software

OpenSCAD
Solidworks
Unreal Engine
Arduino
Visual Studio
Visual Paradigm
PhpMyAdmin / MySQL
Git
XAMPP
Word/Excel
Photoshop

LANGUAGES

English
Spanish

QUALITIES

Ambitious
Creative
Taste of challenge
Pedagogical sense
Persevering

- **PBL pedagogy**

Project Based Learning at CESI.