Benabadji Mohammed Salim

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Github : https://github.com/salim97   Algeria, Oran

TECHNICAL SKILLS	**Languages :** C, C++, QML, C, Java, Dart, Shell bash, HTML, Python **Database :** Mysql, SQLite3, NoSQL firebase **Tools/Framework :** Qt, Flutter, Arduino-libs **Familiar :** Java, Javascript, HTML, CSS, php **General :** Data Structures, Algorithm, Object Oriented Programming, Code Review, Testing, Debugging, Deployment, Design Patterns, Agile **Version Controll Systems :** Git, Github, Gitlab **IDE Text Editors :** Qt Creator, VScode, Atom, Nano, Android Studio **Operating Systems :** Linux, Windows **Embedded devices :** ESP32, ESP8266, PIC16F1824, ATmega326, ATtiny85, SBC
EDUCATION	**Baccalaureate**, Math *Mustafa Hadem Oran*, Oran 2012 - 2015 **Bachelors Degree**, Computer Science *University science and technology oran*, Oran 2015 - 2018
EXPERIENCE	**Flutter Firebase** building mobile application using firebase cloud functions and flutter freamwork. **QT Network** Network programming using TCP/UDP. **C++ Meta Class and Macro** Writing small code that will generate more code to get the the job. (easyORM, Wiring Pi QT) **Microncotroller programming** Code optimisation

PROJECTS

Flutter Android   **July 2019**

Building Mobile application using flutter and using firebase as backend.
- **Technology/Tools:** Flutter Dart, Google maps, Firebase, Rest API
- **Link :** private project.

WiringPi QT   **Apr 2019**

WiringPi: An implementation of most of the Arduino Wiring functions for the Raspberry Pi. WiringPi-Qt : Adding Qt Signals Slots to WiringPi.
- **Technology/Tools:** QT C++, QML
- **Link :** github.com/salim97/WiringPi-Qt

Smart Home   **May 2018**

That was my graduation project Building smart home from scratch, programming the backend (Raspberry Pi using Qt C++ and Python) and frontend with QT C++ and QML.
also building custom device using microcontrollers and sensors to record data and send it in network
- **Technology/Tools:** C, C++, QML, Python, ESP8266, Atmega326
- **Link :** private project.

EasyORM   **Jul 2018**

easyORM is easy library to create an equivalent of C++ class in SQL table (sqlite3, mysql, ...) and it allow you to use ORM design pattern, It is completely compatible for use with QML and C++ .
- **Technology/Tools:** QT C++, QML
- **Link :** github.com/salim97/easyORM

Inventory Management Software   **Mar 2016 - 2018**

Building inventory management software for local clients.
- **Technology/Tools:** QT C++
- **Link :** private project.

CERTIFICATION .
- **JavaScript Algorithms and Data Structures** by Freecodecamp on *Freecodecamp*
Verify : freecodecamp.org/certification/benabadjisalim/javascript-algorithms-and-data-structures
- **Introduction to Data Science in Python** by Udacity on *Udacity*
Verify : github.com/salim97/salim97.github.io/blob/master/ud803-track-1mac.pdf
- **Flutter - Advanced Course** by Udemy on *Udemy*
Verify : udemy.com/certificate/UC-LEW1IHDU
- **Learn ESP8266 for IoT** by Udemy on *Udemy*
Verify : udemy.com/certificate/UC-Y3O5HG9E

RELEVANT
COURSES
- Arduino and electronics
- Linux Kernel Driver programming
- Computer Graphics
- Data Structures and Algorithm   • Introduction to Database Management
- Programming in Java • Operating System • Computer Networks

INTERESTS
- Associations and Clubs: Udev (University Club).
- Others: Traveling, Meeting new peoples, sharing knowledge, Learning new languages.