

Benabadji Mohammed Salim

Portfolio : www.salimbenabadji.me
Github : <https://github.com/salim97>

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TECHNICAL SKILLS

Languages : C, C++, QML, C, Java, Dart, Shell bash, HTML, Python
Database : Mysql, SQLite3, NoSQL firebase
Tools/Framework : Qt, Flutter, Arduino-lib
Familiar : Java, Javascript, HTML, CSS, php
General : Data Structures, Algorithm, Object Oriented Programming, Code Review, Testing, Debugging, Deployment, Design Patterns, Agile
Version Control 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

QT Network **Aug 18 - Dec 18**
Network programming using TCP/UDP.

C++ Meta Class and Macro **Aug 18 - Dec 18**
Writing small code that will generate more code to get the the job. (easyORM, Wiring Pi QT)

Microncotroller programming **Aug 18 - Dec 18**
Code optimisation

PROJECTS

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

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

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/benabadjissalim/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 Udemyl on *Udemy*
Verify : udemy.com/certificate/UC-LEW1IHDU
- **Learn ESP8266 for IoT** by Udemyl 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.