



Dr. Ilyes OULED OMAR

Project Manager in Information Technology Industry
7 Years' Experience

*Currently, I'm a Junior Project Manager within
SAGEMCOM Software & Technologies seeking for new Challenges*

PROFESSIONAL EXPERIENCES:

SAGEMCOM Software & Technologies:

Audio and Visual Systems Department

September 2022 – Now: Junior Project Manager

Missions:

- Team lead
- Scrum master on multiple projects
- Planning and monitoring projects advancements and risks
- Conducting projects
- Supporting team members to accomplish their tasks
- Managing client calls and technical support

January 2021 – August 2022 : Technical Coordinator

Missions:

- Coordination between Project's managers and developers
- Coding verification and solutions approval
- Modules Development
- Technical Calls preparation
- Bugs Fixing

April 2018 – December 2020: Confirmed Embedded Systems Engineer

Missions:

- Modules Development
- Bugs Fixing
- Projects Integration
- Tests Automation
- Maintaining Trunk

Projects:

- IP-TV** : CVA-Flow || TLC || SUNRISE
- SAT** : DGTK-PVR-4K || BeIN-DGTK || BeIN-CNE
- Android**: DNA || WAOO || OOREDOO

Development Tasks Examples:

- DASH ULL bug fixing
- "Event-agent" module development, interfacing with tr69 and middleware, able to raise different events related to the use of the STB and send them to a client server.
- Development of Watermarking phase 2 able to communicate directly between the Middleware and Broadcom to able to forecast the Chip-ID within the Background Image
- Prepare the HL-DVT Certification and adapt Middleware to deal with the new requirements

ELECT TECHNOLOGIES:

July 2016- Mars 2018: Founder and Project Manager

Missions:

- Conception and development of industrial automated systems
- Home automation systems design development and implementation
- Team Management and project planification
- Business management
- Clients and vendors relationship



+216 50 285 864



ouled.omar.ilyes@gmail.com



[/in/ouled-omar-ilyes/](#)



Ben Arous- Tunisie



[github.com/ilyes-ouled-omar/](#)

Professional Skills

• Operating Systems :

Linux (Ubuntu) ★★★★★
MS Windows ★★★★★

• Programming Languages

Python ★★★★★
C ★★★★★
C++ ★★★★★
Embedded Linux ★★★★★
SVN ★★★★★
GIT ★★★★★
TensorFlow ★★★★★
Script Shell ★★★★★

• Development tools

SVN, GIT, Jenkins, buildroot, gdb,
STB Tester, Visual C++, JIRA,
Bugzilla, Android Studio

• Technologies

Android TV
TV Num
IP-TV
SAT
Image Processing
Deep Learning
Artificial Intelligence

Spoken Languages

- **Arab** : Native language
- **English** : Bilingual
- **IELTS Certification: B2: 6.5**
- **French** : Bilingual: C1
- **German** : Professional Competence : **A1 : GOETHE INSTITUTE**

Personal Qualities....

- Determined
- Cooperative
- Team oriented
- Looking for challenges...

Hobbies....

- Discovering Cultures
- Jogging
- Hiking- Ramble
- Reading Books

STMicroelectronics

February 2016- June 2016: Final Study Project

Missions:

The development of a Visual C++ application interfacing with STLink dll to collect different registers data, specifically those of graphical Ips, of all range of STM32 boards, to facilitate the debugging process. The application is user-friendly, allowing for a fast analysis of registers contents through graphs and tables.

EDUCATIONAL BACKGROUND

September 2017- December 2021 **PhD in Electrical Engineering: National Engineering School of Tunis**

Graduation Project: Conception and Development of an innovative OCR architecture able to deal with historical cursive fonts, based on deep learning models in the different stages of the system. We denote those used architectures:

- **Selectional Auto-encoders** : Binarization
- **CRAFT** : Text/Non-Text segmentation
- **DenseNet-121** : Classification
- **LSTM** : Textual modelization used within Grammatical verification module

September 2015- December 2016 **Information System Techniques Master: National Engineering School of Tunis & Technische Universität Braunschweig**

Branch: Signals & System Techniques

Graduation Project: First steps in OCR systems conception able to deal with historical Maghrebian font

September 2013- June 2016 **Electrical Engineering Student: National Engineering School of Tunis**

Branch: Micro-electronics and Embedded Systems development

Average: 15.25/20

September 2011- June 2013 **National competition for the access to engineering schools- Preparatory Institute of Engineering Studies of Tunis (IPEIT)**

Branch: Physics & Chemistry

Rank: 201

September 2010- June 2011 **Baccalaurean degree –Mhamdia 2 School**

Section: Experimental Sciences

Average: 15.31

CERTIFICATIONS:

- SCRUM Fundamentals Certified (SFC) – SCRUMStudy: September 2022
- Service-Oriented Architecture – University of Alberta : February 2021
- Unix Tools: Data, Software and Production Engineering – Technische Universiteit Delft: February 2021
- Using Python for Research - Harvard University : February 2021
- IoT System Architecture: Design and Evaluation- WASEDA University : July 2020
- Applied AI with DeepLearning – IBM : May 2020
- Deep Learning with TensorFlow – IBM : May 2020
- Image Classification with CNNs using Keras – Rhyme.com : May 2020
- Sequence Models for time Series and Natural Language Processing - Google Cloud Platform Certified : May 2020
- Fundamentals of Deep Learning for Computer Vision - NVIDIA : April 2019