

FAIÇAL EL HANI

ELECTRONIC AND TELECOMMUNICATIONS ENGINEER



Professional Experience

ELECTRONIC AND TELECOMMUNICATIONS ENGINEER

Public Administration

June 2016 - Today

RABAT- Today

- Participation in drawing up specifications
- Drafting of technical specifications for electronic projects
- PCB design (components selection, calculation and sizing, routing)
- Production start-up and follow up
- Diagnosis and resolution of technical problems encountered during design, prototyping and production

Freelance PCB Design Engineer

Upwork & Fiverr – Complementary activity

2019 - Today

- PCB Design projects for international customers
- Development and simulation of electronic circuits adapted to customer needs,
- Delivered over 50 projects with positive customer feedback (5 star reviews).
- Collaboration on innovative solutions with startups, SMEs and private individuals .
- Project management: needs analysis, design, optimization and delivery

ELECTRONIC ENGINEER

AVEROS

August 2015- June 2016

CASABLANCA- Morocco

- Drafting of specifications and selection of electronic components.
- Production and simulation of electronic circuits on Multisim
- PCB Design on Altium Designer.

END-OF-STUDIES PROJECT INTERNSHIP

AVEROS

February 2015 - July 2015

CASABLANCA- Morocco

- Subject: Functional safety of a smart meter
- Development of the control and data display program in embedded C for the SAMD21 Microcontroller



Education

MOHAMMED VI INTERNATIONAL ACADEMY OF CIVIL AVIATION

M.Eng in Electronic and Telecommunications

2012 – 2015

PREPARATORY SCHOOL FOR ENTRANCE TO GRANDES ECOLES

Option : Technology and Industrial Sciences (TSI)

2009 – 2012

HIGH SCHOOL JABER BEN HAYAN

High School Diploma in Mechanical Science and Technology

2009



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<https://felhani.com>



Skills

Technical skills

- **Multilayer PCB design :**
Design , signal integrity, electromagnetic compatibility
- **Circuit design and simulation :**
Altium Designer, KiCad, Multisim, PSpice
- **Prototyping and testing :** Oscilloscope, logic analyser , signal generator

Cross - disciplinary skills

- Electronics project management (from design to prototyping)
- Analysis of technical needs and drafting of specifications
- Drafting of technical documentation and test reports
- Multidisciplinary teamwork
- Use of Freelance platforms (Upwork, Fiverr) for customer and project management



Languages

- English
- French
- Arabic



Logiciels

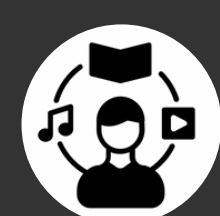
ALTIUM
DESIGNER

KICAD

SOLIDWORKS

Multisim

Microsoft office



Interests

TRAVEL

SWIMMING

MANUAL ACTIVITIES