

**Badr Eddine
BENHIBA**

**Egis RAMS
Engineer**



Risk Management

English reporting skills

EU Norm compliance



Badr, Safety Engineer and Network and Telecommunication Systems Engineer.

My capacities to adapt and my will to continuously improve are my biggest qualities allowing me to meet any challenge i am facing through my career in Quality and Safety engineering fields.

I am recently interested in taking a new fresh start and demonstrate my experience and tough skills in the safety and risk management domain.

Note: *Open to new risk management fields.
*Mobility : Ile-de-France.
*Aware of the working travels which my new job opportunity is requiring.

29 years old
Driving License

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France

EXPERIENCES

Safety Assurance Manager



ALSTOM Transport - Since March 2019

- Full-time - Saint-Ouen - France

- ▶ Job opportunity started following an internship with ALSTOM.
- ▶ Safety approach for Railway Signalling with a compliance to the European Standards : EN 50126, 50128, 50129, 50159.
- ▶ Study of Alstom automatic piloting calculator and new generation CBTC system. (Internship and master thesis subject).
- ▶ Products specification analysis, critical view regarding their architectural design and the embedded safety requirements.
- ▶ Functional system and Parameter data Analyses mainly through Failure Mode Effects Analysis approach.(Tools: Doors, Altova xmlSpy).
- ▶ Interface with the design, coding and verification and validation teams, their reports are inputs to my different analyses
- ▶ Developed reporting skills and autor to numerous sum-ups and analyses throughout my career with Alstom.

Project in Entreprise -ISTIA & Valeo- on 21 days



VALEO - September 2018 to April 2019 -

Student Project - Créteil - France

- ▶ Project held for 6 months, allowed thanks to the partnership ISTIA and Valeo Créteil.
- ▶ Static analysis and "Qualimétrie" of the embedded codes of Valeo automotive calculators. (Tools: McCabe, MISRA C Compliance).
- ▶ Correction and enhancement of the Java scripts and "plugins" allowing the extraction of valeo specific metrics.
- ▶ Tool comparison and Benchmark : "Klocwork" analysis (Complexity, Run-time Error, and rule checker)

EDUCATION

Master 2 entitled: Qualité et Sûreté de Fonctionnement des Systèmes Informatiques

ECOLE D'INGÉNIEURS D'ANGERS-ISTIA

September 2018 to September 2019

Master 2 with risk management, reliability and test engineering as themes.

A whole school year based on experience feedbacks from great entreprise actors (such as Valeo, IBM, Renault, ALSTOM, Airbus and more)

+1 Project in entreprise (Valeo), +1 internship (ALSTOM) throughout this master.

SKILLS

Risk management and RAMS

- ▶ Functional and dysfunctional Modeling (MARKOV, PETRI Networks, Fault Trees)
- ▶ Preliminary risk analysis, FMEA,
- ▶ Software Error Effect Analysis
- ▶ RAMS aligned to European Norms.
- ▶ CENELEC, ISO 26262

Information Systems Quality and Management

- ▶ Quality Process ISO 9001
- ▶ Requirements engineering
- ▶ Agile cycles and processes
- ▶ Referentials : CMMi, ITIL, MISRA C

Project Management & Communication

- ▶ Scheduling and planning, Agile methods and costs efficiency
- ▶ Tools : MS Project, PERT, GANTT
- ▶ Team management
- ▶ Project risk management
- ▶ Public Speaking.

Langues

- ▶ English (TOEIC: 895) ★★★★★
- ▶ French (C2) ★★★★★
- ▶ Arabic ★★★★★
- ▶ Italian (B2) ★★★☆☆

INTERESTS

Centres d'intérêt

Avid of travelling and cooking, Judo newbie, Great leftback footballer.

Telecommunication and Networks Engineer

L'ECOLE NATIONALE DES SCIENCES APPLIQUÉES DE
KÉNITRA - MAROC

June 2013 to August 2018

Telecommunication systems and cellular networks engineer.
Electronics, Networks, and programming as school majors.
+3 internships (with ZTE, Nokia and Proximus Belgium) in the
fields of networking, fixed and mobile telephony while
preparing for this diploma.