

MOUSMI FAROUQ

30 years old, Moroccan, single.

AINE AL HAYAT 1 IMM C1

NR 206 CASABLANCA.

+212 680406339

mousmi.farouq@gmail.com

Mechanical development engineer (6 years experience)



Professional experiences

Since October 2019: Consulting engineer at Actoat Morocco

- Development of the assisted steering.
- Analyzing serial life technical problems of the assisted steering.
- Monitoring of PIV with suppliers and ensure the achievement of technical objectives.
- Managing technical modifications and ensure their applications with suppliers.

March 2019 - September 2019: The project leader at EXPLEO

- Piloting the technical development in serial life of vehicle interior trim components.
- Working on overhead rooftop, under seats, door panel, dashboard.
- Management of suppliers through ANPQP grids.
- Monitoring of PIV initiated with suppliers, and guarantee the achievement of the objectives set by technical specifications before signing the PSW.
- Studying and evaluation of the feasibility of design proposals with the partner services according to the defined QCDP objectives.

July 2016 - March 2019: Consultant engineer at ALTRAN

- Working on suspension system (wishbones parts, front & rear cradle parts, cradle fixing reinforcement, protector ball joint, steering knuckle, anti-sway Bar)
- Project functional analyzing.
- Research, analysis and proposal of solution for mechanical optimization.
- Management of technical modifications, design and ensure their validation & applications.
- Parts conception with cost reduction and desing documents management.
- Management of design documents for supplier consultation.

March 2016 – June 2016: Internship at GROUPE ALTRAN.

- Subject: Study and design of a new definition of a Multi-Arm rear axle wishbone.

July 2015 - August 2015: Technical internship at MAFODER.

- Subject: Optimization of the machining process in the production department.

November 2015 - December 2015: Internship at FIAT GROUP.

- Subject: Study of European anti-pollution standards.

Academic education

2013-2016 : Mechanical engineer training, Mechanical Construction option at the National School of Electricity and Mechanics (**ENSEM**), CASABLANCA.

2011-2013 : Preparatory classes, Technical and Industrial Sciences option, Omar high school in Oujda.

2011 : Baccalaureate in Electrical Science and Technology.

Professional training

- Utac ceram training: A130 driving authorization..
- ESTACA training: LAS system.
- CETIM training: Cobra calculation.

Skills and knowledges

Mechanics, design, manufacturing :

Design, Transformation processes for metallic materials (Foundry, Forge, Stamping, Forging "MAG, MIG, PSE ..."), Screwed assembly dimensioning, ISO quotation + geometric dimension, APQP, FMECA, SOD.

IT and programming:

Language and software: VBA, Python, CATIA V5 & V6 (Surface, Draw, Analysis,...), JavaScript, Product life management,...

Qualities : Organized, Rigorous, Training new recruits, Critical thinking.