



Mohamed Ahmed Buali

MECHANICAL ENGINEER

PROFILE

Strategic and analytical mechanical engineer interested in various aspects of engineering experienced in prototyping, testing & manufacturing. During my studies, I've successfully participated and managed mechanical engineering & renewable energy projects in partnership with UK based companies and "Heriot-Watt University, Edinburgh" inventing problem-solving products.

EDUCATION

Bachelor of Engineering
in Mechanical Engineering
with Honours
Heriot-Watt University
(Edinburgh Campus)
2012 - 2016

Engineering and Computing
Foundation (Edinburgh)
International Study Center
2011 - 2012

EXPERTISE

Develop Prototypes
Test Prototypes
Analyze Test Results
Drafting standards/GD&T
Critical Thinking

SOFTWARE

Revit MEP
Abaqus FEA Simulation
Ansys CFD Simulation
Word/Excel/Powerpoint
Arduino/C++

WORK EXPERIENCE

MEP Design Engineer / MSCEB
August 2016 - April 2017 / Seef-Manama

- Contribute and aid in live projects schematic drawing and design process relating to MEP
- Manage and organize design processes
- HVAC Systems Design & distribution
- Water Supply Design & distribution
- Fire Systems Design & distribution
- Heat load software calculation and material selection
- Site visiting and aiding in inspections
- Design problem solving and alternatives
- Technical and product research
- Underwent MSCEB MEP specialized training

Administration and development / AHMED BU ALI TRADING
May 2017 - PRESENT / Adliya

- Day-to-day Administration and correspondence
- Completing Purchase Orders
- Managing Company Ledger
- Project Management Support & Follow up

Administration and development / AHMED BU ALI TRADING
May 2017 - PRESENT / Gudaibiya-Manama

- Real estate & Market Research
- Property/Residential Property Management
- Maintenance Operations
- Processing Business Expenses

COMMUNICATION SKILLS

English:
Speaking – Excellent
Writing – Excellent

Arabic:
Speaking – Excellent
Writing – Very Good

CERTIFICATIONS:

1- Revit MEP: Electrical Certified Professional
/Issuer: Autodesk
/Issued on 31 July 2019

2- Revit MEP: Mechanical Certified Professional
/Issuer: Autodesk
/Issued on 28 August 2019