



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

<p>COMMUNICATION SKILLS</p> <p>English: Speaking – Excellent Writing – Excellent</p> <p>Arabic: Speaking – Excellent Writing – Very Good</p>	<p>Administration and development / AHMED BU ALI TRADING May 2017 - PRESENT / Gudaibiya-Manama</p> <ul style="list-style-type: none">• Real estate & Market Research• Property/Residential Property Management• Maintenance Operations• Processing Business Expenses <p>CERTIFICATIONS:</p> <p>1- Revit MEP: Electrical Certified Professional Issuer: Autodesk Issued on 31 July 2019</p> <p>2- Revit MEP: Mechanical Certified Professional Issuer: Autodesk Issued on 28 August 2019</p>
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