

**Name:** Jamie Foubister

**Current Position:** Master of Mechanical Engineering Graduate, University of Aberdeen

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## **PROFILE**

- Excellent interpersonal and communication skills across all levels.
- Competitive and positive influencer.
- Skilled in operating within the demands of a diverse high-pressure environment.
- Works efficiently and accurately to tight deadlines.
- Meticulous eye for detail.
- Highly motivated team player.
- Full (clean) Driving Licence, happy & willing to meet travel expectations.

## **SOFTWARE**

- Skilled in the use of Microsoft Office applications, including Word, Excel and PowerPoint.
- Solid Works CAD
- Abaqus FEA
- MATLAB
- Python

## **KEY SKILLS**

- Energy industry awareness.
- Keen problem solver.
- Excellent mathematical ability.
- Methodical worker with strong prioritisation skills.
- Happy to work solo or as part of a team.
- Excellent timekeeping & punctuality.
- A strong customer/client focus.
- Confidence, patience, politeness, tact and diplomacy, when dealing with difficult situations.

## **EDUCATION**

**2016 to 2021**

**DEGREE OF MASTER OF ENGINEERING IN MECHANICAL ENGINEERING**

**Graduated 2020/2021 Term**

**University of Aberdeen**

**Classification - Second Class Honours (Division One) - 2:1**

I have recently graduated from the University of Aberdeen with a master's degree in Mechanical Engineering. During this time I have carried out two big projects, those being my 4<sup>th</sup> year individual project and 5<sup>th</sup> year group project.

Whilst studying the compulsory engineering courses, I have also taken additional software development electives in Python and MATLAB over the years to build upon my programming skills.

### **4<sup>th</sup> year individual project - "DESIGN OF A CROSS DIE FOR SHEET METAL FORMING PROCESS"**

I completed my 4<sup>th</sup> year individual project on the "DESIGN OF A CROSS DIE FOR SHEET METAL FORMING PROCESS". In which I applied my Solid Works knowledge to produce CAD models and accompanying component drawings of the complete die design. I was also required to learn and implement new skills in Abaqus FEA software to compute simulation testing of the die. I was graded an "A" for this work.

### **5<sup>th</sup> year group project - "DESIGN OF BLAST AND FIRE WALL FOR NEW BUILD FPSO"**

For my 5<sup>th</sup> year group project, we were tasked with designing a fire and blast wall to separate modules on a new build FPSO, whilst optimising for a low cost and low weight design. This would provide protection between modules in the event of an explosion and accompanying jet fire.

My main contributions to the group were developing design optimisation code using MATLAB as well as producing the groups CAD models and drawings using Solid Works. I also carried out the finite element analysis of the groups final blast wall design using Abaqus software. I was graded an "A" for this work.

## **WORK HISTORY**

**August 2016 to present**

**Company – Tesco Inverurie**

**Position – Customer Assistant**

**Delivering satisfactory customer service and ensuring store deliveries are done.**

- Customer Assistant within the Warehouse and Grocery team.
- Main role is of taking in all store deliveries and keeping a tidy workspace (Warehouse).
- Support replenishment of stock on the shop floor.
- Providing multi-skilled support to other departments, such as Tesco DotCom and Checkouts.

**June 2016 – August 2016**

**Company – Aleron Group**

**Position – Summer Work Experience / Assistant**

**Summer work experience, helping around warehouse, within transition from Academy to University.**

**Worked with Aleron Subsea on ROV equipment. Day to day operations consisted of,**

- Maintaining a tidy warehouse/workspace's as well as sorting away tools to toolboxes and sorting of hydraulic joints.
- Aided the distribution of equipment & positioning items to be worked upon.
- Completed jobs on ROV equipment such as tightening bolts on offshore ROV umbilical housing, adding magnesium and zinc anodes to the ROV body to provide cathodic protection whilst in the saltwater.
- Worked on basic wiring on the ROV and ROV control terminal.

**October 2015 – October 2015**

**Company – EnerMech**

**Position – Work Placement**

- Short work placement within EnerMech's Hydrologic division whilst studying at Inverurie Academy.
- Experiencing work both within the office and in the yard/warehouse.
- Office work consisted of being shown how work shifts are planned for offshore engineers as well as looking at some design work.
- Yard/warehouse work consisted of inspecting hydraulic equipment and hydraulic hoses as well as other equipment whilst being shown around the workshop.

**July 2013 – March 2016**

**Company – Thainstone Exchange**

**Position – Customer Assistant**

- First part time job whilst at school. Customer Assistant at Thainstone Exchange with roles varying from working a food trailer on a Sunday market to large event functions for weddings and other events.

## **REFERENCES**

Stephen Riddell  
DotCom Manager / Team Manager  
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**Additional References can be provided upon request.**