Hamilton January Mwaila

d Computing | Sensors and Communications Technologies

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SUMMARY

With over 10 years [...] LEAN principles, an [...] biggest achievements was the development of an automated assembly process that reduced assembly time by 25%, leading to significant savings. [...] track record in developing modern manufacturing processes, implementing [...] AD, automation software development, and process modeling. One of my [...]

SKILLS

LEAN Manufact[...]

CAD (Creo, Soli[...]

Precision Alignment Systems

[...]ng Process Modeling Design of Experiments

[...]ment LabVIEW MATLAB C++

skill_1755544590519
javascript
expert
Technical
8

skill_1755818175579
JavaScript (ES6+, React, Node.js)
advanced
Technical
5

skill_1755818175580
Python (Django, Flask, Data Analysis)
intermediate
Technical
3

skill_1755818175581
SQL (MySQL, PostgreSQL)
intermediate
Technical
4

skill_1755818175582
Project Management
intermediate
Soft Skills
3

skill_1755818175583
Team Leadership
intermediate
Soft Skills
2

STRENGTHS

⭐ **Problem Solving**
Successfully led a team to identify and rectify bottlenecks in production line, increasing efficiency by 20%.

⚡ **Project Management**
Managed a team of 10 engineers to complete a major project 2 weeks ahead of schedule, saving $50,000 in resources.

🚩 **Innovation**
Developed a new automated process that reduced assembly time by 30%, leading to a significant increase in production.

EXPERIENCE

Industrial Engineer
Lockheed Martin
📅 2019 - 2023 📍 Los Angeles, CA

Led a team of engineers in the development and implementation of new manufacturing processes.
- Implemented a new automated assembly process, reducing assembly time by 25% and saving $100,000 annually.
- Led a project to redesign the manufacturing layout, increasing productivity by 15%.
- Developed a new scheduling system, reducing project completion times by 10%.

Manufacturing Engineer
Northrop Grumman
📅 2016 - 2019 📍 Los Angeles, CA

Worked on the design and implementation of manufacturing processes for aerospace components.
- Designed and implemented a new quality control system, reducing defects by 20%.
- Managed a project to upgrade manufacturing equipment, increasing production capacity by 30%.
- Implemented Lean Manufacturing principles, reducing waste by 15% and saving $50,000 annually.

Process Engineer
Raytheon Technologies
📅 2013 - 2016 📍 Los Angeles, CA

Worked on the development and optimization of manufacturing processes for defense systems.
- Developed a new process for the assembly of electronic components, reducing assembly time by 20%.
- Implemented a new inventory management system, reducing stockouts by 30%.
- Led a project to upgrade manufacturing equipment, increasing production capacity by 25%.

EDUCATION

Master of Science in Industrial Engineering
University of Southern California
📅 2011 - 2013 📍 Los Angeles, CA

Master of Science in Chemistry
University of Michigan
📅 2007 - 2011 📍 Michigan

KEY ACHIEVEMENTS

⭐ **Automated Assembly Process**
Developed a new automated assembly process that reduced assembly time by 25%, leading to significant cost savings.

⭐ **Factory Layout Redesign**
Led a project to redesign the factory layout, improving workflow and increasing productivity by 15%.

⭐ **Quality Control System**
Designed and implemented a new quality control system, reducing defects by 20% and improving product quality.