

THOMAS HOLLAND

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HIGHLIGHT OF QUALIFICATIONS

- Currently enrolled in the Master of Engineering Co-op program in the department of Manufacturing Engineering at McMaster University, eligible for a 4-12 month internship starting in September 2023
- Collaborated with team members to complete a group project for final year engineering class ensuring tasks were identified and completed by the team members on time
- Completed two internships in different areas during undergrad in mechanical engineering as a prerequisite requirement by the program
- Familiarity with the tools and features of AutoCAD, including layers, blocks, dimensions, and annotations

EDUCATION

Master of Engineering, Manufacturing Engineering Jan 2023 – Dec 2024 (Expected)
McMaster University, Hamilton, ON

- Relevant Courses: Lean Six Sigma for Engineers, Discrete Manufacturing Processes, Manufacturing Systems

Bachelor of Technology in Mechanical Engineering July 2018 – June 2022
Indus University, Ahmedabad, India

- Relevant Courses: Production Technology, Steam and Gas Turbines, Internal Combustion Engines, Total Quality Management

WORK EXPERIENCE

Quality Control Expert May 2023 - Present

Modaber Technical and Engineering Services, Tehran Iran

Modaber Technical and Engineering Services is an oil and gas company, which runs Ethan recovery program for producing C²⁺ and C⁵⁺ in two different refineries.

- Maintained detailed records of all quality control checks and testing results resulting in increased efficiency
- Evaluated inspection visit reports to investigate quality issues and recommend technical solutions
- Identified and troubleshoot any issues that could occur during the production process
- Coordinated with all parties to expedite all issues and follow planned items resulting in strong communication and collaboration skills

Intern – Production and Sales Revenue Sept 2021 – Dec 2021
Ashwini Spring Industries, Ahmedabad, India

- Gained experience in both production and sales revenue, resulting in a well-rounded understanding of the business
- Learned how to effectively collaborate with cross-functional teams which eventually helped to identify areas for process improvement
- Acquired experience in process improvement and data analysis which helped to how-to-do generate reports and presenting to company's shareholders
- Participated in data gathering and analysis to find areas for production and sales operations improvement

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WORK EXPERIENCE (CONTINUED)

Intern – Shop Floor Supervisor

May 2021 – Aug 2021

Sukalp Pla Fab Granuale, Ahmedabad, India

- Kept a close eye on the production process and looked for opportunities to optimize the workflow. Identified and addressed any issues that occurred during production
- Communicated effectively with the team to help foster a positive work environment and strong collaboration
- Developed strong leadership skills, resulting in effectively managing a team in a fast-paced production environment
- Coordinated production tasks on the factory floor to ensure adherence to safety regulations, quality assurance processes, and production timelines

PROJECT

Experimental Setup on Solar Powered Air Conditioning System

Sept 2021 – Dec 2021

- Developed and designed the experimental setup of system by using appropriate components and materials including Peltier module, heat sink, temperature sensors
- Showcased project management and presentation skill by creating a presentation which helped our team to explain concept of the project
- Collaborated with other team members and guided other team members in order to maintain continuous workflow of the project

PUBLICATIONS

Temperature Analysis Using Peltier Module Integrated with Solar Panel

April 2022

International Journal of Research and Analytical Reviews (IJAR)

CERTIFICATES

VLOOKUP and XLOOKUP for Beginners

April 2023

LinkedIn Learning

Learning Zoho CRM

March 2023

LinkedIn Learning

Six Sigma: White Belt

March 2023

LinkedIn Learning

Lean Six Sigma Foundation

March 2023

National Association of State Boards of Accountancy (NASBA)

SKILLS

Technical: Microsoft Office, AutoCAD, Basics of Zoho CRM Software

Languages: English, Gujarati, Hindi