

Modestine Homman

Engineering Technician

Profile

Engineering Technician with 1 year of experience in providing technical support for engineering projects, demonstrating strong problem-solving skills and attention to detail. Proficient in CAD software, data analysis, and maintaining accurate documentation. Collaborative team player with excellent communication skills, seeking to contribute to innovative engineering solutions and continuous improvement efforts.

Employment History

Engineering Technician at Hallam-ICS, VT

May 2023 - Present

- Successfully designed and implemented a control system upgrade for a major manufacturing client, resulting in a 20% increase in production efficiency and a 15% reduction in energy consumption.
- Optimized the performance of a critical HVAC system for a large pharmaceutical facility, leading to a 25% improvement in air quality compliance and a 10% reduction in maintenance costs.
- Developed and executed a comprehensive preventive maintenance program for a data center's electrical infrastructure, resulting in a 30% decrease in unplanned downtime and a 5% reduction in energy costs.

Associate Engineering Technician at DuBois & King, VT

Jul 2022 - Mar 2023

- Successfully completed a comprehensive site survey for a 50,000 sq ft commercial building project, resulting in a 20% reduction in construction time and a 15% cost savings for the client.
- Streamlined the testing and calibration process of engineering equipment, leading to a 25% increase in efficiency and a 10% reduction in maintenance costs.
- Played a key role in the design and implementation of a stormwater management system for a 100-acre residential development, successfully mitigating flood risks and achieving a 30% improvement in overall water quality.

Education

Associate of Applied Science in Engineering Technology at Vermont Technical College, VT

Sep 2018 - May 2022

Relevant Coursework: Engineering Design, Manufacturing Processes, Technical Drawing, CAD/CAM, Electrical and Electronic Circuits, Materials Science, Mechanics, Fluid Power, Industrial Safety, and Quality Control.

Certificates

Certified Control Systems Technician (CCST)

Jan 2022

Engineering Technology Professional Certification (ETP)

Details

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Links

[linkedin.com/in/modestinehomman](https://www.linkedin.com/in/modestinehomman)

Skills

AutoCAD

SolidWorks

PLC Programming

Circuit Analysis

D Printing

MATLAB

LabVIEW

Languages

English

Russian

Hobbies

Building and modifying electronic gadgets

3D printing and design

Robotics and automation projects