Visesh Sanjay Akbari

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PROFILE

Mathematics with Data Science undergraduate student skilled in Solidwords, AutoCAD and Inventor with practical experience in production operation and quality testing. Proficient in Technical Communications and Python Programming. Adept at using new technology to optimize operations.

WORK EXPERIENCE:

The Galaxy School   05/2023-08/2023
Academic Intern
- Acted as an advisor to 50+ students at the school and took one on one sessions with everyone weekly
- Taught 150+ students over 70 hours in academic sessions of Mathematics and Global Perspective

Amiraj Plastic Industries   12/2022-05/2023
Assistant Manager
- Performed quality checks on manufactured inventory before shipment and recorded accurate measurements on completed production
- Supervised production and performed safety checks
- Made deals with salesmen on weekly basis for procuring production material using predicted sales
- Prepared detailed reports on daily production and finances using Tally ERP 9 for submission to accountants and government taxation reports as well as performance reports to the board of directors

SKILLS:

Software and Design Proficiency:
AutoCAD | SolidWorks | Arduino | Autodesk Inventor | MakerBot
Technical Expertise:
Electromechanical Systems | Sensor integration | Mechanical and Electronic Engineering Shop
Programming and Tools:
Python | Tally ERP 9 | Java
Additional Tools and Systems:
3D Printing | Microsoft Software | Technical Memorandum Communications

PROJECTS:

Speedometer Prototype   12/2023
Final project
- Built a speed detection system using ultrasonic sensor ensuring functionality to expected operations
- Utilized AutoCAD, Illustrator, 3D printing technology and Laser Cutter to design, and manufacture models for demonstration, exhibiting proficiency in modern manufacturing and designing techniques
- Presented a demonstration of the prototype with researched and credited estimations of the costs for implementing this project, providing a comprehensive and detailed plan of action

EDUCATION:

University of New Haven   **West Haven, CT**
- ➤ Bachelor of Science, Mechanical Engineering   **08/2023-05/2024**
  - GPA: 3.8, Dean's List, Honors Program
  - Courses: Mechanics and waves, Statistics, Engineering design, Differential Calculus

City University of London   **London, England**
- ➤ Bachelor of Science in Mathematics and Data Science with placement   **10/2024-05/2028**