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Timothy Hernandez

Lead Mechanical Test Engineer

Mechanical test engineer with four years of experience developing and executing test plans for automotive components. Expertise in data acquisition and test-lab automation.

Location

City, State, ZIP code

Phone

(123) 456-7890

Email

email@example.com

Website

Linkedin | portfolio

Key Skills

- LabVIEW & MATLAB
- Vibration & fatigue testing
- Data acquisition systems

Education

Michigan State University
May 2017
B.S. in Mechanical Engineering

Professional Experience

Mechanical Test Engineer, MotorEdge Labs | Detroit, MI
March 2019 - Present

- Designed and ran durability tests on suspension components, logging over 1M test cycles
- Automated data-capture scripts in LabVIEW, reducing manual entry time by 60%
- Analyzed vibration data to inform design tweaks, lowering failure rates by 25%

Junior Test Engineer, AutoTech Research | Dearborn, MI
July 2017 - February 2019

- Assisted in engine thermocycle testing, maintaining 98% data integrity
- Calibrated transducers and sensors per ASTM standards

Certifications

- Certified Test Engineer, ISTQB, June 2020