



**DESIGN
RESEARCH
ENGINEERING**

46475 DeSoto Court
Novi, Michigan 48377
(248) 668-3450
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Charles Coleman

Mechanical Technician

Professional Specialization

- Design and fabricate tooling, test fixtures, components, hardware, and trial exhibits.
- Install test apparatus and instrumentation, setup and conduct tests, assemble and process test data.
- Operate and maintain field, shop, and laboratory instrumentation.
- Assist Experts with project specific tasks, including technical analysis and evaluation assistance.

Professional Background

- Design Research Engineering, Technician, 2022-Present
- Environmental Test Technician, General Dynamics Land Systems, 2019-2020
- Engineering Analysis Lab Technician, North American Lighting, 2015-2019
- System Validation Engineer, Hyundai Mobis, 2014-2015
- STI International Test Lab Technician, TRW, 2014
- Research and Development Technician, Gentherm North America, 2013-2014
- Crash Safety Technician, Toyota / Jacobs Technology, 2012
- Environmental Test Technician, General Dynamics Land Systems, 2019-2020
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- Crash Safety Technician, Toyota/Jacobs Technology, 2012

Education

- Associates Degree, Automotive Technology, Wayne County Community College
- Automotive Paint, Oakland County Community College

Skills

- Computer-aided design (CAD), AutoCAD, Computer-Aided Three-dimensional Interactive Application (CATIA)
- Calibration, powertrain, fabrication, automotive repair, mechanical design and engineering, geometric dimensioning and tolerancing (GD&T)
- Research and development, manufacturing, system validation testing, laboratory experience