



**D E S I G N
R E S E A R C H
E N G I N E E R I N G**

46475 Desoto Court
Novi, Michigan 48377
Tel: (248) 668 - 3450
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AIDAN D. CLAWSON, M.S.E.
Project Engineer

PROFESSIONAL PROFILE

Project Engineer providing technical support including inspection, physical testing and analysis of vehicles, components, and other equipment; accident scene surveys, maps and layout drawing generation. Also experienced in testing and analysis of dynamic processes with simulation software. Extensive education and training in aerospace engineering, including aerodynamics, propulsion, systems design, computation, autonomous systems, controls, structures, and materials.

Simulation/Software: SolidWorks, MATLAB, ANSYS (FEA & CFD), NX, Team Center, CATIA, C, MSP432R, AutoDesk Design, Arduino, G-Code (CNI Mill), STAR CCM, Team Gantt, Jira, LabView

Mechanical/Electrical: Jet engine maintenance, circuit design, metal fabrication (bending, mill, lathe), gas conditioning, rapid prototyping (laser cutting, 3D printing), composites (layups/vacuum bagging), waste heat oil systems

EDUCATION

M.S.E. (Aerospace Engineering) University of Michigan

B.S.E. (Aerospace Engineering) University of Michigan, summa cum laude

PROFESSIONAL EXPERIENCE

Design Research Engineering

Project Engineer, Jan 2024-current

Remora

Mechanical Engineer Intern (semi-truck carbon capture device), May-Dec 2023

Williams International

Engineering Intern (Commercial Project Team, jet engines), May-Aug 2022

Engineering Systems, Inc. ((ESi)

Engineering Intern (inspection, testing and analysis of vehicles, industrial machinery, consumer products and other equipment), Jan-May 2022

University of Michigan, College of Engineering

Graduate Student Instructor (Aerospace Engineering Laboratory), Aug 2022 - Dec 2023

Michigan Sustainability Applications for Aerospace Vehicle Engineering (M-SAAVE),

Graduate Student Advisor (autonomous delivery drone), Jul 2021 - Dec 2023

IDEAS Lab, Sustainable Aviation Research Assistant, Aug 2022 - Dec 2023

Aerospace Graduate Student Advisory Committee, Vice President, Aug 2022 - Feb 2023

College of Engineering, Center for Engineering Diversity & Outreach (CEDO) Mentor Program, Mentor, Jul 2021 – Dec 2023