

Gregory Haydon

Project Engineer

Thorough and driven engineer with 2.5 years of experience in project management, design qualification testing, and customer facing communication. Seeking full time employment exercising skills in design, collaboration, troubleshooting, and application of complex engineering solutions in a growth-oriented work environment.

Experience

Project Engineer – AmerisourceBergen

September 2022 – Present

- Managed budget, timeline, and oversaw construction of a modified pallet drop design at 5 Amerisource sites to facilitate the installation of conveyor hardware, directing 5 separate local installation vendors and implementing site-specific design changes
- Analyzed product throughput data for the AmerisourceBergen Corona site, finding volume backlog and presenting a data-driven conveyor solution
- Created an excel template for streamlined new hire onboarding, with a user interface and automatic status updating programmed through VBA macros

Mechanical Product Support Engineer - Triumph Engine Control

June 2021 – July 2022

- Managed 5 colleagues in completing high and low temperature stress testing of an aircraft fuel pump for casting manufacturing qualification, delivering results one month ahead of the scheduled completion date. Completed full test report under abbreviated schedule to support production needs for qualification test release
- Monitored production testing of multiple product lines, coordinating successful root cause corrective action in several investigations
- Implemented both quality and design changes to increase first pass yield on a Triumph fuel pump and metering system by 60%
- Programmed an Excel Macro which screens acceptance test data on supplier components, mitigating field failures on the customer system

Mechanical Engineering Intern - Triumph

June 2020 - June 2021

- Designed, modeled, drafted, and successfully tested tooling that provided necessary assembly preload on the A380 aircraft supplemental cooling system compressor pump
- Conducted testing of corrosion mitigation methods on cooling system electrical connector
- Directed testing, inspection, and breakdown of a returned helicopter fuel metering unit to document condition with the goal of extending the program time between overhaul. Compiled a full report documenting the evaluation process and implications
- Collaborated with a team of 5 analyzing testing data for helicopter fuel metering systems to identify causes of negative trends. Designed testing procedure to verify proper test stand condition and successfully uncovered a fault in the driving signal

Education

University of Connecticut, Storrs CT

- Bachelor of Science, Mechanical Engineering, Graduated May 2021
- GPA: 3.6, School of Engineering Dean's List
- National Society of Collegiate Scholars, UConn Alpha Lambda Delta Honors Society

Personal Information

Current Location:
Austin, TX

Email:
ghaydon30@gmail.com

Phone – Cell:
(973) 479-7998

Software Skills

- NX
- Microsoft Office
- SolidWorks
- MATLAB
- VBA

Management Skills

- Team Leadership
- Product Design
- Timeline Evaluation
- Project Budgeting
- Production Management