

Steven Anichowski

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- Resilient and resourceful, with the ability to deal with dynamic business demands
 - Team player with the ability to work independently
 - Extensive knowledge of manufacturing process from planning, tooling, manufacturing
 - Worked in multinational teams
 - Extensive experience with Microsoft Office Suite
 - Proficient in various CAD software AutoCAD, Solidworks, Autodesk Inventor
 - Experience with FEA software ANSYS
 - Experience with LabView and Arduino software
 - Extremely proficient with MATLAB
 - Able to program image analysis algorithms using matlab.
 - Proficient in Adobe Photoshop, Adobe Illustrator
 - Experience building and operating 3D printers
- Willing to relocate: Anywhere

Work Experience

Designer - Contract The Duke's Asia Management Co. – Remote, Thailand
November 2020 to Current

Provide detailed drawings using CAD software.
Provide innovative solutions to technical problems that may arise.
Perform stress analysis on manufactured structures.
Designed kitchen and restaurant layouts.

Grocery Clerk Sprouts Farmers Market - Huntington Beach, CA
February 2019 to December 2019
Receive merchandise
Perform customer service
Ensure delivery accuracy

Process Improvement Engineer Zodiac Aerospace –Lamphun Thailand, Huntington Beach CA
May 2016 to December 2018

Responsible for the design and implementation of new processes and production methods. Lead continuous process improvement projects. Responsible for developing and optimizing the process in collaboration with production engineers and for designing new technical solutions.

Some of the things I did while on the job were:

- Create 3D models and drawings for use in production

- Optimized CNC programming and setting resulting in 30% increased efficiency
- Performed process cost reduction resulting in an average savings of over 20%
- Design and manufactured various jigs and clamps for use in CNC and manual processes
- Design and implemented modifications to existing machines to improve accuracy and speed
- Designed and built various carts and optimized material delivery systems
- Implemented improvements in logistics processes (material flow, handling, polishing)
- Quoted new CNC jobs, and performed new product integration
- Contacted and collaborated with subcontractors to manufacture items
- Performed sourcing for projects
- Performed design for manufacture analysis
- Create and follow up CAPEX for various projects
- Acted as a transfer of work liaison engineer
- Developed new industrialization processes
- Worked as a liaison for transfer of work from one site to another

Student Researcher New Mexico Institute of Mining and Technology - Socorro, NM

August 2015 to December 2015

Build a scale Hyperloop pod that would sit in a tube under slight vacuum capable of achieving speeds of 700 mph. The model includes propulsion, telemetry, and safety systems that may be used in a full scale version.

- In charge of funding
- Developed compressor and air bearing design for the scale model
- Fabricated proof of concept prototype and second prototype.

Designed and optimized a radiant barrier insulation project August 2014 - May 2015 The project involved designing a new radiant insulation that sits atop current insulation in attics to handle the infrared radiation that accounts for a majority of heat. The product specifications would require it to be better than most of the leading competitors at a competitive price

- Performed performance tests on each aspect and final prototype
- Contributed to the design and created prototypes

Design, analyze, and fabrication of a rocket test stand January 2014 - May 2014

Built a stand capable of handling up to a 2000 lb rocket of any type (solid, liquid, or hybrid) and record readings from the thrust, temperature at various intervals, as well as perform schlieren imaging on the plume. The stand includes the fuel system for liquid rockets able to run ethanol and nitrous oxide with the capability of liquid oxygen.

- Spec out sensors for the system
- Worked on the control interface and computer setup
- Fabricated final product

Education

Bachelor's in Mechanical Engineering

New Mexico Institute of Mining and Technology - Socorro, NM

August 2010 to December 2015

Licenses & Certifications

Lean Six Sigma Green Belt Certification

Haas Basic CNC Training

AS9100 Rev.D Internal Auditor

Volunteer Experience

Transcriptionist Smithsonian Digital Volunteers

Nov 2020 – Current

Provide typed transcripts in order to digitize historical documents

Skills & Knowledge

Continuous Improvement

Process Engineering

Quality Engineering

Project Management

Lean Six Sigma

Computer Aided Design (CAD)

Computer Aided Machining (CAM)

Finite Element Analysis (FEA)

5S

Kaizen

ISO Standards

AS9100

Product Development

CNC programming

Lean Manufacturing

Root Cause Analysis

Design for Manufacture (DFM)

Design Failure Mode and Effect Analysis (DFMEA)

Leadership

Interests & Hobbies

Outdoors - Hiking, Biking, Climbing, Camping

Reading

3D printing

Cooking