

Anthony Young

Resume

Contact Information:

(409) 770-3706

youngtxs@gmail.com

17424 Fir Rd. Alvin, Texas 77511

Objective: Seeking an employment opportunity as an engineer in an Aerospace or Mechanical field.

Education: B.S. in Aerospace Engineering with a Minor in Mathematics (Graduate May 2021)
Texas A&M University (GPA:3.4)

Website: anthonyyoung.net

Proficiencies:

Computer Skills

C++
Python
HTML
MATLAB
LabVIEW
Microsoft Excel

Prototyping Skills

CAD (experience in Solidworks)
3D Printing
Machining (Steel and Aluminum)
Electrical circuits (Breadboards)
Soldering (Modules + components)
PLCs and microcontrollers

Cooperative Skills

Effective communicator
Organized
Team-player
Self-reliant and autonomous
Independent and self-motivated
Meticulous at documentation

Work Experience:

XNav – Interplanetary Navigation

Programmer (January 2018-May 2018)

- On a multidisciplinary engineering team developed a computation program that took signals from simulated pulsars and used a least squares method to create a system of Interstellar navigation that could function without need of outside sources, laying the foundation for interplanetary travel.

Raven Industries

Intern (January 2019-August 2019)

- Developed with a team of engineers a new method for terminating super-massive, super-pressure, stratospheric balloons with greater reliability and efficiency. When test campaigns are finished these balloons will be used for research and scientific endeavors by NASA.
- Assisted in implementation and reliability testing of improved manufacturing equipment for previously mentioned balloons. Completed testing and provided documented results on new methods and equipment.
- Assisted in work on PLCs, machine shop, and production floor.

Independent Aircraft Designer

Hobbyist (May 2020-August 2020)

- Designed and built from scratch an RC plane (with steerable landing gear) that flew and landed intact as well as a prototype flight recorder that could record the altitude, speed, and orientation of a plane in flight.

Freelance small business software developer

President and sole employee (May 2020-August 2020)

- Developed software to meet the needs of local small businesses, largely composed of financial documentation software and inventory on Microsoft Excel.