

Camden Carroll

1422 Los Altos Ln.
Duncanville, TX 75116

(972)-975-0308
swisscam12@gmail.com

Portfolio: camden-carroll.github.io
LinkedIn: linkedin.com/in/camden-carroll-197873200

EDUCATION

LeTourneau University, Longview, TX (2018 – 2022)

B.S. in Mechanical Engineering, *summa cum laude*

3.86/4.00 GPA

Relevant Coursework

- Applied Aerodynamics
- Compressible Flow
- Design of Experiments
- Senior Design I&II
- Vibrations
- Engineering Project Management
- Machine Design
- Fluid Mechanics
- Heat Transfer

EXPERIENCE

Senior Design Project

- Member in designing, prototyping, and building drone to be launched in a rocket and return home with payload
- Completed part design with FEA analysis and managed 3D printing of drone parts
- Demonstrated project to sponsors, answered questions, and secured funding

Analysis of Experiments

- Conducted experiment to determine treatment effects of 3D printed specimens
- Researched relevant ASTM standards and used factorial experiment designs
- Interpreted data with ANOVA methods and presented results to instructor

Treatment Plant Intern (Trinity River Authority, 2022)

- Managed time to complete inventory organization and documentation through IBM Maximo
- Communicated plans, weekly progress, and suggestions to manager and co-workers

Student Worker (LeTourneau University, 2019 – 2022)

- Lead team in constructing and maintain fields and courts for each sport
- Communicated rules and expectations to teams and dealt with conflict during games

SKILLS

SOME KNOWLEDGE

Lathing

SolidWorks

GD&T Methods

Java

Welding

MATLAB

Finite Element Analysis

C++

Microsoft Office

Minitab

IBM Maximo

CATIA V5/V6/3DX

CERTIFICATIONS

SolidWorks Associate – Mechanical Design, LeTourneau University, ID: C-RE8UNFGYQM – May 2022

EXTRA CURRICULARS

- President of Cooking Club, a group that taught cooking to peers in a creative/hands on way