

# Camden Carroll

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| (972) 975-0308

## EDUCATION

LeTourneau University, Longview, TX (2018 – 2022)

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

3.85/4.00 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

### 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

### Experiment Design

- 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

## SKILLS

## SOME KNOWLEDGE

Lathing	SolidWorks	GD&T Methods	Java
Welding	MATLAB	Finite Element Analysis	C++
Microsoft Office	Minitab	IBM Maximo	Catia V5

## 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