

Senior Research Project

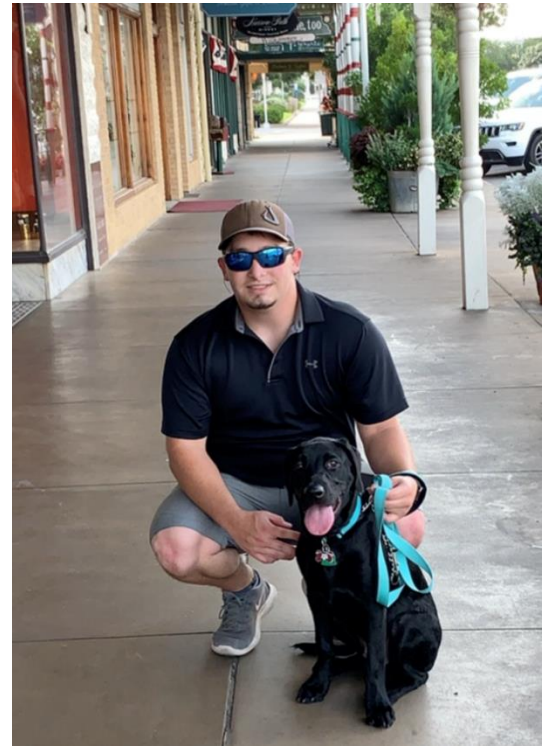
Jerett Bell

- **Major:** Physics w/Mechanical Engineering
- **Minor:** Mathematics

- **Hometown:** Friendswood, TX

- **Activities:**
 - Baseball
 - Fishing
 - Disc Golf
 - Hunting
 - Vehicles

- **Career Goal:** Receive MBA, use my diversity in education to be the most useful employee I can be.



Project title: Exploration of Diver Propulsion Vehicles

Supervising faculty member: Dr. Tikhon Bykov

Project Abstract:

This project aims to design and build a diver propulsion vehicle (DPV) or dive scooter. The question of cost efficiency versus performance of the product has been addressed. The product is compared to many professionally made diver propulsion vehicles. Some variables tested include maximum speed, maximum battery life, estimated maximum power output, weight, usability, and depth rating. These values determined for the homemade diver propulsion vehicle compare nicely to similarly priced professional designs. This project should inspire the viewer to use easily accessible materials and devise a way to create your own version of the product that is cost efficient and functions in the intended way.