RYAN SCHUSTER

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Talented and focused mechanical engineering student pursuing a bachelor's degree in mechanical engineering. Well-versed in MATLAB and CAD. Pursuing Intern position with great company.

EXPERIENCE

JANUARY 2022 – PRESENT
RESEARCH ASSISTANT, NORTHERN ARIZONA UNIVERSTIY BIOFLUIDS LAB
Collect data and design laboratory equipment to assist in experiments in the field of Bio Fluids.

SEPTEMBER 2020 – PRESENT
HUNTING SALES ASSOCIATE, SPORTSMAN'S WAREHOUSE
Interact with customers in order to assist them in finding the products that best suit them and restocking product within the store.

EDUCATION

MAY 2022
BACHELOR OF SCIENCE, NORTHERN ARIZONA UNIVERSITY

JUNE 2018
HIGH SCHOOL DIPLOMA, LELAND HIGHSCHOOLS, SAN JOSE, CA

SKILLS

- CAD
- MATLAB
- Arduino
- Mechatronics
- Verbal Communication

PROJECTS

Senior Capstone: LED Flow sensor – In Progress
Website: https://ceias.nau.edu/capstone/projects/ME/2021/21F11_LEDFlow/
Project Goal: This project aims at designing and implementing a high-speed high-power pulsed RGB LED light source for volumetric particle image velocimetry (PIV) system.

Bio-fluids Lab: 6 Degree of Freedom Human Body Model – In Progress

Project Goal: Create a 6 Degree of Freedom platform that can model the movement of the human body, specifically the human head. The system must be able to collect movement data utilizing sensors and replay the movement with the platform. This platform will then be used for flow measurements.