

John. B. Oil
Mechanical Engineer
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Summary

A 4.5 GPA recent mechanical engineering graduate. Strong background in fluid mechanics and hydraulics. Part of the Boston Mechanical Institute students team that achieved 2nd place in the annual SubRobo competition. Received chancellors award for outstanding academic achievements.

Education

BS in Mechanical Engineering 2016-2020

Mercy College of Ohio, Toledo, OH

GPA 4.5

Received chancellors award for outstanding academic achievements. Vice-President of Boston Mechanical Institute Mechanical Engineering Students Association Achieved 2nd place in the SubRobo competition. A study into the effect of moving flaps and wheel ducts on downforce using the example of a Honda CRX (Graduation Project) Design of a semi-automatic plastic bottle heat sealing machine

Experience

Mechanical Engineering Intern

Delta Fluid Mechanics, Walton, Massachusetts

July 2020-September 2020

Actively participated in a commercial design project in a team of 10 engineers with a budget of 25M Conducted computational fluid dynamics simulations Designed and tested 7 components using CAD/CAM software

Skills

- Ansys fluid mechanics package
- Ansys finite element method package
- Siemens NX
- Catia
- Solidworks
- Python
- C++
- Communication skills
- Time management skills
- Collaboration

Languages

- English (Native)
- German (Fluent)
- French (Fluent)

Hobbies

- Drone operation
- Woodworking