

# KOLBY GROVES

## EDUCATION

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Fall 2018 -Present      Western Kentucky University      Bowling Green, KY

- Pursuing Bachelor of Science, Mechanical Engineering
- Current GPA 3.37
- Dean's List Fall 2018/Spring 2020 semester
- Member of The National Society of Collegiate Scholars

## SUMMARY OF QUALIFICATIONS

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- Experienced in 3D modeling with SolidWorks & AutoCAD Inventor
- Proficient with SolidWorks Finite Element Analysis
- Relevant coursework taken: Statics, Dynamics, Thermodynamics I & II, Fluid Mechanics, Gas Dynamics, and Heat Transfer
- Relevant coursework in progress: Sustainability & Internal Combustion Engines
- Experienced with Microsoft Excel and Word
- Adept with LabView
- Proficient in Python and JavaScript

## PROFESSIONAL AND VOLUNTEER EXPERIENCE

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2016-Present      Hope2All Food Bank      Nortonville, KY

### ***Volunteer***

- Transported and unloaded food shipments from other facilities to our local food bank.
- Transferred food from local food bank to vehicles of recipients.
- Stocked shelves.

Jan. 2021 – Present      Heath-Zenith LLC.      Bowling Green, KY

### ***Engineering Intern***

- Responsible for testing and analysis of a wide range of products
- Developed standard operating procedures
- Aided in design of experiment
- Responsible for automating and improving laboratory equipment

Aug. 2021 – Present      Western Kentucky University      Bowling Green KY

### ***Student Researcher***

- Investigated development of instrumentation required to accurately obtain results for lift, drag, and pressure measurements
- Developed LabView framework for automating data acquisition of a wind tunnel