

Andrew J. Ikeler

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CAREER PROFILE

Passionately seeking an engineering internship with a reputable company during summer 2023. Mechanical Engineering candidate experienced in leadership, critical thinking, collaboration, and analysis. Currently a Junior in Mechanical Engineering with a concentration in Aerospace. Strong analytical mindset with a proven ability to solve problems. Charismatic leader who excels in open environments and team projects. Proven leader with a track record of consistently meeting project goals and work according to deadlines.

Proprietary Software: SolidWorks, MATLAB, LabVIEW

Web Technologies: Mathcad, Excel, Arduino

EDUCATION

BAYLOR UNIVERSITY- Waco, TX

May 2024

Bachelor of Science in Mechanical Engineering

- GPA: 3.70
 - Minor: Mathematics
 - Concentration: Aerospace Engineering
 - Relevant Coursework: Instrumentation and Measurements, Materials, Thermodynamics, Circuits
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EXPERIENCE

BAYLOR UNIVERSITY – Waco, Texas

Materials Science Research

Spring 2023 – Present

- Tested structural and additive manufacturing capabilities of aluminum, which was manufactured using ASFD (Additive Stir Friction Deposition)
- 3D printed, casted, and forged a metal spearhead for the Cast in Steel 2023 competition

CAPSTONE MECHANICAL – Waco, Texas

Controls Installation Intern

Summer 2022

- Wired, installed, and tested over 63 air conditioning units and their control boxes. Became a leader while collaborating with foremen and engineers to complete the job before the deadline
- Worked at multiple sites: Midway HS, Capstone Mechanical Warehouse, and Magnolia HQ

BAYLOR UNIVERSITY – Waco, Texas

Combustion Research Assistant

Fall 2021 – Spring 2022

- Designed and helped construct a prototype steel spray chamber for jet fuels, biofuels, and more.
- Reported progress and findings at weekly meetings with in depth memos

ADOPTION AND SURROGACY CHOICES OF COLORADO – Golden, CO

Summer 2020 & 2021

Office Associate

- Scanned and filed over 100 confidential adoption files for the previous three years
 - Developed a new electronic scanning system for the company that reduced filing time by 75% and paper consumption by 25%
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ADDITIONAL

- Society of Plastic Engineers member (SPE)
- Chaplain of Sigma Phi Epsilon fraternity
- Alpha Lambda Delta Baylor Honor Society member (ALD)
- American Society of Mechanical Engineers member (ASME)