

Eli Howland

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Education

- University of Mississippi, 2018 – present
 - B.S.M.E in Mechanical Engineering, graduated 2022
 - MS in Computer Science, expected graduation 2024

Academic & Extracurricular Achievements

- Current graduate school GPA of 4.00
- Graduated summa cum laude from the University of Mississippi (GPA: 3.94)
- Achieved Chancellor's Honor Roll in all 8 undergraduate semesters
- Selected as a Provost Scholar at the University of Mississippi
- Currently serving as a Graduate Ambassador at the University of Mississippi
- Awarded Eagle Scout by the Boy Scouts of America, 2018

Experience & Relevant Coursework

- Reliability Engineering Intern at Graphic Packaging International, May – Aug 2020
 - Worked alongside reliability and process engineers to maintain operations in the pulp & paper mill
 - Conducted a Root Cause Failure Analysis report on a catastrophically failed part
 - Improved technical, teamwork, and communication skills
- Senior Design Capstone Project, Spring 2022
 - Worked with Tegra Medical, Inc. to automate production of surgical femur rods
 - Decreased unit production time while also decreasing total production cost
 - Improved 3-D modeling, technical writing, teamwork, and communication skills
- Graduate Assistant at the University of Mississippi, Aug 2022 – current
 - Implement a new Customer Relations Management software
 - Manage outward communications to prospective graduate students
- Relevant Coursework
 - Proficient in Java, C/C++, Python, MATLAB
 - Data Structures & Algorithms
 - Finite Element Analysis
 - Member of the University of Mississippi Coding Club
- Employee at Cups An Espresso Café, 2016-2022
 - Developed teamwork and time management skills

Community Service

- Tutored several students in algebra and calculus
- Precision Martial Arts children's class instructor

Hobbies & Interests

- Brazilian Jiu-Jitsu enthusiast and competitor
- Reading
- Traveling