

LUCAS HISSONG

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INTERNSHIP QUALIFICATION SUMMARY

- Analytical thinking, problem-solving, communication and cross-cultural skills demonstrated by academic success and study abroad experiences
- Ability to use MATLAB & C++, Excel, PowerPoint, and SolidWorks to research, analyze and present data
- Strong interest in designing and developing machines in a production setting in related career

EDUCATION

UNIVERSITY OF MICHIGAN

Bachelor of Mechanical Engineering

Ann Arbor, MI
Anticipated May 2025

- GPA: 3.91 / 4.00
- Engineering Global Leadership (EGL) Honors Program
 - Notable Characteristics: International Minor for Engineers and Ross School of Business Coursework
- Recognitions: College of Engineering Dean's List (4/4 semesters); University Honors (4/4 semesters)
- Notable Classes: Introduction to Computers and Programming (MATLAB and C++); Calculus (Differential Equations & Multivariable/Vector); Microeconomics; Intro to Engineering (designed/built wind turbine and technical communication); Electrical Circuits, Systems & Applications; Accounting Principles; Design and Manufacturing (SolidWorks and machine shop experience)

CEA CAPA (University of New Haven)

Eight Week Study Abroad Experience

Prague, Czech Republic
Summer 2023

- Classes: Golden City of Prague (Art and Architecture History) (A) & Probability and Statistics (A)
- Enhanced problem-solving skills by communicating and living in foreign city despite language barrier
- Immersed in Czech (lived in city apartments with locals, used public transit, etc.) and greater European culture (visited nine Central European countries)

EXPERIENCE

SHADY TREE LANDSCAPING

Summers 2021 - 2022

- Performed manual labor (e.g., mulching, weeding, and plant removal) for commercial and residential projects
 - Organized team at job site and helped plan ways to complete job as crew leader
- Promoted to hardscape crew which included pouring concrete, laying asphalt and operating machinery

PAINTER (Self-Employed)

2020

- Painted outdoor projects including wrought iron fence, porches, stairs, and indoor rooms

MICHIGAN BAJA RACING

2022-2023

- Used machine shop equipment (mills and lathes) to perform general tasks on the car or to organize the team
- Other Organizations:** American Society of Mechanical Engineers; Snowboard Club; Intramural Sports (flag football and soccer)

COMMUNITY SERVICE

Soi Dog Thailand Volunteer Abroad

Summer 2023

- Participated in EGL volunteer trip Thailand to work with the Soi Dog Foundation
- Socialized, walked, and played with large groups of former street dogs at the Soi Dog sanctuary which houses over 1400 abused or neglected dogs and cats seeking adoption
- Immersed in Thai culture by visiting numerous Buddhist temples, local street markets, and working with local carers at the animal shelter

Tau Beta Pi Electee

2023

- Joined Engineering Honors society (top eighth percent) with a focus on community service (tutoring, career fair, and so on)