

Jack Gremel

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Objective

Energetic second year engineering student seeking a Summer 2023 internship in nuclear engineering to apply and expand my knowledge and learn from those experienced in the field.

Education

University of Michigan

Bachelor of Science

Ann Arbor, Michigan

Expected May 2025

Major: Nuclear Engineering & Radiological Sciences

Minor: International Minor for Engineers

- **GPA:** 3.972/4.000
- **Honors/Awards:** William J. Branstrom Award (awarded to the top 5% of freshman class 2025,) University Honors and Deans List for three semesters

CEA Study Abroad

Study Abroad Program

Paris, France

May - June 2022

- Studied thermodynamics and French sport and culture
- Participated in immersive cultural experiences to further my knowledge of a different culture and the French language

Work Experience

Orchard Lake Animal Hospital

Veterinary Assistant

West Bloomfield, Michigan

July 2019 - Present

- Supervised and trained ten employees to ensure the safety, proper care, and feeding of medical and surgical patients and the preservation of an organized and sanitary hospital environment
- Maintained a properly stocked hospital through just-in-time inventory management to meet patient care needs while containing costs
- Assisted veterinarians and technicians in tasks such as patient restraint for exams, anesthetic induction, and radiographs to deliver excellent patient care and client service

Project Experience

Solar Powered Remote Rainfall Sensor

Engineering 100 Project

Ann Arbor, Michigan

Winter 2022

- Helped design a stationary, remote rainfall gauge with rechargeable battery powered by solar panels
- Established Bluetooth connection between device sensors and pair of Arduino circuit boards to transmit and interpret data
- Calculated and measured consumption of power of system

Skills

Computer: Excel, MATLAB, C++, AutoCAD

Language: Conversational French