HOPE STUDENT

101 East 15th St
Holland, MI 49423

(906) 458-1729
student@gmail.com

EDUCATION

Hope College – Holland, MI — Expected Graduation: Spring 20XX

- Bachelor of Science, Engineering: Mechanical Emphasis (ABET accredited) — GPA: 3.61/4.00
- Minors: Mathematics and Environmental Science

EMPLOYMENT

Holland Board of Public Works **–** Holland, MI — Summer 20XX

Environmental and Regulatory Intern

- Prepared and sent out bid proposals to meet with contractors and presented submitted bids to concerning engineers.
- Obtained safety data sheets for all chemicals on site to fulfill chemical inventory for all electric production sites.
- Prepared reports such as Toxic Release Inventory, National Pollutant Discharge Elimination System, Discharge Monitoring Reports, Renewable Operating Permit ROP compliance certification, PHMSA Annual Gas Pipeline Report and Wastewater Discharge Disclosure Report.

Hope College **–** Holland, MI — Fall 20XX – Spring 20XX

Research Assistant

- Remodeled the Hope Acceleration PIXI endstation valve controls and target positioning system.
- Assisted in the construction of a prototype endstation for the Facility for Rare Isotope Beams (FRIB) at Michigan State University.
- Writing LabVIEW programs for testing and the control of the Facility for Rare Isotope Beams (FRIB) production endstation.
- Analyzed Radiometric dating of sediment samples for Hope College and other schools such as University of Wisconsin – Madison.
- Complied information for Radiometric dating analysis for two new High-Purity Germanium (HPGe) Radiation Detectors.

Camp Manito-wish YMCA – Boulder Junction, WI — Summers 20XX, 20XX, 20XX

Sailing Instructor ('XX)/Counselor ('XX)/Kitchen ('XX,'XX,'XX)/Trip Assistant ('XX)

- Instructed children of a variety of skills and ages on how to sail mono-hull dinghies and windsurf boards.
- Stimulated participants' experience by teaching hard skills, encouraging communication, leadership and confidence while leading outdoor camping trips for children as a Counselor and as a Trip Assistant.

Activities and Organizations

Hope College Sailing Team — Fall 20XX – Spring 20XX

- Served as both Captain (20XX-20XX) and Treasurer (20XX)

Hope College Opus Literary Magazine — Spring 20XX

- Editorial Board

Hope College Engineering Club — Fall 20XX – Spring 20XX

- President (Fall 20XX-Spring 20XX)

Hope College Engineers Without Borders — Fall 20XX – Spring 20XX

Hope College Society of Women Engineers — Fall 20XX – Spring 20XX

American Society of Mechanical Engineers — Spring 20XX

- Won 2nd place of 18 Colleges/Universities at District E Team Student Design Competition

PROFESSIONAL SKILLS and Awards

- **Software Skills** - Microsoft Office Suite (Excel, PowerPoint, Word), MatLab/Simulink, PTC Pro/Engineer, SolidWorks, AutoCAD, ANSYS, Maple, STK
- **Programming** – NI LabVIEW
- **Sigma Xi Senior Research Awards –** Engineering, Physics and Chemistry