

Flannan Hehir

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Education

University of Notre Dame, Notre Dame, IN

May 2018

Bachelor of Science

Major: Mechanical Engineering

Dean's List Fall 2014

Tappan Zee High School, Orangeburg, NY

June 2014

Exceptional Honors

Experience

Skae Power Solutions, LLC

Sparkill, NY

Engineering Intern

Summer 2015

One to One Learning

Nyack, NY

Volunteer Teacher

Fall 2013 – Spring 2014

Rockland Country Club

Sparkill, NY

Caddy

Fall 2010 – Summer 2015

Projects

Engineering Projects, Notre Dame, IN

Fall 2014 – Spring 2015

Team Member

- Designed, built, and programmed a robotic dancing penguin toy for 5th grade students using LabVIEW software.
- Designed and built flotation device to support various weight loads at a restricted water level. Used the computer-aided design software Creo.
- Built a pressurized potato launcher using PVC parts in order to launch a potato to various specific targets. Modelled the projection using a MATLAB programmed GUI to accurately predict launch distances given the launch angle and air pressure.

Activities

- Member, American Society of Mechanical Engineers
- Secretary, Running Club of Notre Dame
- Member, Engineering Without Borders
- Volunteer, Dream Teams
- Captain, Varsity Cross Country and Track and Field, Tappan Zee HS

Skills

- MATLAB, AutoCAD, Inventor, Creo, Microsoft Office, FORTRAN, LaTeX, HTML/CSS