Sophie Lancaster

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Home Address
907 Sunday Lane
Winona Lake, IN 46590

Campus Address
421 McGlinn Hall
Notre Dame, IN 46556

EDUCATION

University of Notre Dame — Notre Dame, IN
Bachelor of Science in Computer Science — May 2019 (Expected)
GPA 3.60/4.0

University of Notre Dame — London, England
Studied Integrated Business and Engineering and Sustainability — Summer 2016

The American International School of Rotterdam — Rotterdam, The Netherlands
June 2015
Academic Honors and Awards: International Baccalaureate Diploma (32), Scholarship awarded from the Dane and Mary Louise Miller Foundation (three time recipient)

EXPERIENCE

Employment:
University of Notre Dame
McGlinn Hall Clerk — August 2016-Present
- Utilize technical skills to assist hall rector in organizing hall emails and weekly news

Leadership:
The American International School of Rotterdam
Student Body President — August 2014-April 2015
- Raised funds to organize school activities including end of year prom

Research:
University of Notre Dame
IRES Summer Research in Budapest, Hungary — May 2017-Present
- Researched deep learning and cellular neural networks at the Pázmány Péter Catholic University in Budapest, Hungary under the leadership of Professor Michael Niemier

Academic:
University of Notre Dame
First Year Engineering Class — August 2015-May 2016
Flotation Platform Project, team member
- Used CREO program to model project
Robotic Pet Project, team member
- Built with Lego NXT kit and programmed with LabVIEW
MATLAB Design Project, team member
- Open-ended coding project utilizing MATLAB

ACTIVITIES

First Year Engineering Council — August 2015-May 2016
- Plans informative events for other first year engineers and interacts with professors in the engineering field

Shamrock Leadership Series: First Year Institute — February 2015
- Lecture series which seeks to increase leadership skills in first year students

Society of Women Engineers — August 2015-Present
- Professional development organization that seeks to increase the importance of women in engineering

Hall Council Multicultural Commissioner — August 2016-May 2017
- Organize monthly events to raise awareness within the dorm about other cultures

SWE Tech Team (Member) — October 2016-May 2017
- Team that works with the South Bend community to engineer a solution for one of the city's problems

SKILLS

Computer: Microsoft Office, Unix, Verilog, C++, C, Python, TensorFlow
Language: Sufficient in Spanish

INTERESTS

Traveling, cooking, fitness, socializing, family time, music