

Kathryn Moran

1506 W. Hood Ave., Chicago, US, 60660 | 773-793-1332 | kmoran11@nd.edu | kathryncmoran.com

EDUCATION

May 2021	The University of Notre Dame , Notre Dame, IN Bachelor of Science, Electrical Engineering, Minor in Spanish, Concentration in Energy Studies GPA: 3.231
June 2017	Walter Payton College Preparatory High School , Chicago, IL Weighted GPA: 5.24 Unweighted GPA: 3.96 ACT: 35
Summer 2016	Microsoft Girls Who Code Summer Immersion Program , Chicago, IL Computer science immersion, collaboratively created Pet Valet, mobile website to hire dog walkers
Summer 2014	Northwestern University , Evanston, IL Center for Talent Development Class: Algebra II, Trigonometry, Precalculus

EXPERIENCE

Current	Intern at Misericordia Heart of Mercy , Notre Dame Summer Service Learning Program <ul style="list-style-type: none">Served individuals with severe and profound disabilities, especially children in the special education school and adults in the developmental training program, using adaptive equipment and hand over hand assistance
Current	Assistant Treasurer of Engineers Without Borders , Notre Dame <ul style="list-style-type: none">Selected an electric water pump with a team of three engineering students to provide well water to a school in CameroonCoordinated water bottle fundraiser sales to purchase electric water pump and well supplies
2017 – 2018	Introduction to Engineering Systems Course , Notre Dame <ul style="list-style-type: none">Created an Energy Bike, leading a team of three to construct a base and generator system attached to the gears of a bike, which provided power to a speakerLed a team of two in designing a 3D printed wrench after analysis of hex-nut measurements, design of the wrench in Creo Parametric 3D CAD, and several stages of testing preliminary printed wrenches, to be selected as the team with the Most Innovative Design
Spring 2018	Introduction to Embedded Systems and the Internet of Things Course , Notre Dame <ul style="list-style-type: none">Built a fire alarm using skills in circuit analysis, programming in C, and Arduino
2017 – Current	Student International Business Council , Notre Dame <ul style="list-style-type: none">Collaborated on a presentation for Accenture on the implementation of Blockchain to aid the firm in offering consulting to technology companiesLearned how to assess stocks and about financial modeling while analyzing Shake Shack Inc. (SHAK) stock for Morningstar
2017 – Current	Tutor at St. Adalbert Elementary School , Notre Dame <ul style="list-style-type: none">Volunteer tutor once a week to help Spanish-speaking children with their math skills
2016 – 2017	Barista and Cashier at Lyfe Kitchen , Chicago, IL <ul style="list-style-type: none">Implemented drink sampling to increase drink profits by 7% during the summer of 2017
2015 – 2017	President of National Spanish Honor Society , Walter Payton College Preparatory High School <ul style="list-style-type: none">Lead cultural awareness activity to celebrate the Day of the Dead and raise \$100 for the Chicago Museum of Mexican American ArtEarned \$500 selling pencils to rent large scale prints of Frida Kahlo's works to augment cultural learning in and outside the classroomDirected tutors after school four days a week to tutor thirty Spanish students a day, bolstering the language program and student achievement

SKILLS AND CERTIFICATIONS

MATLAB, C, Python, HTML, CSS, JavaScript, Arduino C, Microsoft Word, Excel, PowerPoint, Outlook
Fluent in Spanish

COLLEGE ACTIVITIES

Society of Women Engineers, McGlinn Hall Council, Electronics Engineering Society, Entrepreneurship Society

HIGH SCHOOL ACTIVITIES

National Honor Society, Girls Who Code, Curling Club Founder, Captain of Women's Cross Country and Track, Futsal Captain, Four Varsity Letters, Math Team, Prague International Exchange, Junior Economic Club of Chicago

AWARDS

2017	Siemens Scholar	2017	AP Scholar with Distinction
2017	National Merit Scholar	2016	Junior Book Award, Scholarship Award
2017	NCWIT Aspirations in Computing Award	2016	First Place, Spanish Poetry Competition
2017	National AP Scholar	2015	National Finalist, National History Fair