

Kathryn Moran

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EDUCATION

- May 2021 **The University of Notre Dame**, Notre Dame, IN
Bachelor of Arts, International Economics, Spanish, Applied and Computational Math and Statistics
Mendoza College of Business, Minor in Innovation and Entrepreneurship
GPA: 3.4
- June 2017 **Walter Payton College Preparatory High School**, Chicago, IL
Siemens Scholar, National Merit Scholar, NCWIT Aspirations in Computing Award, National AP Scholar, National History Fair Finalist, AP Scholar with Distinction, President of National Spanish Honor Society, Captain of Women's Cross Country, Track and Field, and Curling
- Summer 2016 **Microsoft Girls Who Code Summer Immersion Program**, Chicago, IL
Computer science immersion, collaboratively created Pet Valet, mobile website to hire dog walkers

EXPERIENCE

- 2018 – Current **President of Life Worth Living Club**, Notre Dame
- Leading fundraisers for Misericordia Heart of Mercy, raising awareness about disability
 - Building a startup with ND's Innovation accelerator to create accessible tech toys
- Current **Intern in Corporate Supply Chain at PPG Industries**, Pittsburgh, PA
- Training to receive supply chain certification, working in manufacturing and logistics
- Current **Enrolled in Adventis' Financial Modeling Certification (FMC®) Program**, Adventis
- Includes the Financial Modeling Course, Valuation Module, and Leveraged Buyout Module
- Winter 2019 **Urban Plunge Leader**, Notre Dame Social Concerns Seminar
- Organized logistics and itinerary for service trip with Brother Darst Center in Chicago
 - Leadership training to lead reflection and discussion on social issues and service work
- Fall 2018 **Introduction to Innovation and Entrepreneurship Course**, Notre Dame
- Researched, designed, and built prototype for children's compressible food storage container
- 2018 – Current **McGlinn Hall Commissioner for Disability Services**, Notre Dame
- Organizing disability awareness and dorm events with disability services information
- Summer 2018 **Intern at Misericordia Heart of Mercy**, Notre Dame Summer Service Learning Program
- 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
- 2017 – Current **Treasurer of Engineers Without Borders**, Notre Dame
- Coordinated grant applications and funding of Ecuador trip, translated Spanish documents
 - Selected electric water pump with engineering team to provide water to school in Cameroon
- 2017 – 2018 **Introduction to Engineering Systems Course**, Notre Dame
- 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 speaker
 - Led 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 **Electrical Engineering Embedded Systems and the Internet of Things Course**, Notre Dame
- Built a fire alarm using skills in circuit analysis, programming in C, and Arduino
- 2017– Current **Student International Business Council**, Notre Dame
- Collaborated on a presentation for Accenture on the implementation of Blockchain to aid the firm in offering consulting to technology companies
 - Learned 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
- Volunteer tutor once a week to help Spanish-speaking children with their math skills
- 2016 – 2017 **Barista and Cashier at Lyfe Kitchen**, Chicago, IL
- Implemented drink sampling to increase drink profits by 7% during the summer of 2017

SKILLS AND CERTIFICATIONS

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

ASSOCIATIONS

Student Energy Board, Entrepreneurship Society, Society of Women Engineers, Electronics Engineering Society