

Emmalyn Holmquist

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EDUCATION

Saint Mary's College | Notre Dame, IN

Notre Dame, IN

Bachelor of Science in Mathematics

Expected Graduation May 2026

- Cumulative GPA: 3.59/4.00
- Pursuing a 4+1 Dual Degree program with the University of Notre Dame
- Pursuing a Graduate Certificate in Data Storytelling & Visualization

University of Notre Dame

Notre Dame, IN

Bachelor of Science in Computer Science Engineering

Expected Graduation May 2027

- Cumulative GPA: 3.42/4.00

RELATED COURSEWORK AND PROJECTS

Design for America | University of Notre Dame

August 2023 - Present

- Collaborate with team members in weekly meetings to discuss project goals and development plans
- Apply Design Thinking methodologies to research and provide consulting for a local non-profit organization

Engineering Design | University of Notre Dame

August 2023 - December 2023

- Designed two iterations of a cylindrical valve using SolidWorks; collaborated with a group of 4 people
- Leveraged Excel functions (VLOOKUP, SUMIF, conditional formatting) to analyze trends efficiently in big data sets

Statistics | Saint Mary's College

August 2024 - December 2024

- Used R Studio to perform statistical analysis, including tests and visualizations, to derive insights from data
- Collaborated with a team to gather, clean, and pre-process data for analysis, ensuring data integrity
- Presented research findings through data-driven insights to support informed decision-making

Systems Programming, Data Structures | University of Notre Dame

January 2025 - May 2025

- Developed C & Python skills; practiced problem-solving by breaking down large projects into manageable tasks
- Utilized Bash commands and shell scripting on a Linux machine to streamline development processes
- Developed proficiency in implementing and analyzing data structures such as hash tables, trees, and graphs to solve complex computational problems

EXPERIENCE

SPARKS Camps

United States/International

Social Media Coordinator

May 2024 - Present

- Remote support to promote brand identity and mission through platforms (Facebook, Instagram, and LinkedIn)
- Facilitate remote communication to coordinate with staff at camps internationally
- Utilize Canva and Meta Business Suite to create interactive posts and analyze growth insights
- Streamlined the photo uploading and capturing process by designing adaptive strategies tailored to diverse staff capabilities across multiple camps, enhancing efficiency and consistency

Program Leader (Multiple locations: Notre Dame, IN; Oklahoma City, OK)

August 2023 - August 2024

- Accounted for 40 campers and assisted in transportation, food preparation, and room checks
- Led small groups of around 10 campers, promoting active engagement and an environment of inclusivity

Big E's Sports Bar & Grill

Grand Rapids, MI

Server

May 2023 - December 2024

- Managed multiple customer groups simultaneously, striving for relatability and camaraderie among customers

Ruth's Chris Steakhouse

South Bend, IN

Hostess

January 2023 - May 2023

- Greeted every guest with enthusiasm and made light conversation, developed social skills
- Practiced attention to detail by maintaining a professional appearance and upholding the fine dining experience

LEADERSHIP AND ACTIVITIES

Math Club | Saint Mary's College

Notre Dame, IN

Treasurer

August 2024 - Present

- Assist in event planning and maintain an accurate account of the financial status
- Attend biweekly meetings, promoting collaboration and discussion, offering insight to grow financially and physically

Sailing Club | Saint Mary's College

Notre Dame, IN

Commodore/President

August 2023 - Present

- Active collaboration with Notre Dame Sailing Club, ensuring open communication and comradery among teams
- Practice leadership skills by delegating tasks & aiming to foster positivity and inclusivity during board meetings

TECHNICAL SKILLS

- Proficient in Python, Bash, C Programming, R Studio, Microsoft Office, & LaTeX Overleaf