

ANNA ROSENBERGER

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EDUCATION

Bradley University, Peoria, IL

Bachelor of Science in Industrial Engineering, May 2021

Concentration: Logistics & Supply Chain Engineering

Overall GPA 3.90/4.0

Completed 29 GPA hours in Industrial and Systems Engineering at **Virginia Tech**, Blacksburg, VA

Overall GPA 3.69/4.0

PROJECTS

Flashlight Time Study, August-September 2019

- Engaged in Lean exercise of assembly process as the quality inspector to check appearance and function of flashlights
- Interpreted assembly chart with teams to design a workstation for assembling the flashlights
- Tracked standard time, cycle time, and takt time in Excel for a continuous time and motion study and used the Maynard Operation Sequence Technique (MOST)

Drone Obstacle Course for Blacksburg Children's Museum, August-December 2018

- Led and served as a member of a team of five engineers to create a drone obstacle course
- Devised mechanical drawings in AutoCAD, Autodesk Inventor model, and a prototype
- Researched supplies online, consulted with hardware store professionals, and successfully delivered product to client

Bus Transit Study, April-May 2019

- Led a team of four engineers in data collection and monitoring the Hokie Express that provides transportation to 27,000 undergraduates
- Tracked gap times and investigated the busiest stops using MATLAB and Excel to propose more efficient and cost-effective bus routes

LEADERSHIP

Acting President, IISE (Institute of Industrial and Systems Engineers), July 2020-Present

- Established an inactive chapter by appointing officers, recruiting members, and consulting with the faculty advisor, Bradley activities director, and national IISE administrator

Activities Chair, Tau Beta Pi (National Engineering Honor Society), Aug 2019-Present

Secretary of Engineering Without Borders Nicaragua Project, August 2018-May 2019

- Maintained records and ensured organized meetings for implementing an irrigation system and seed bank center to help a Nicaraguan community of 320 people
- Streamlined ongoing communication between the chapter, club members, and sponsors

Treasurer of Engineering Without Borders Guatemala Project, August 2017- May 2018

- Negotiated with college administration, board members, and EWB members to bring clean drinking water to a village in Guatemala
- Managed financial Excel reports and maintained \$2,537 budget to cover operational needs
- Collaborated with the fundraising team to generate ideas, advertise, and reach out to sponsors

ADDITIONAL EXPERIENCE

Job Shadowing. Peoria County Highway Department, Peoria, IL, April 2017

Summer Camp Aide. The Heart of Illinois Special Recreation Association, Peoria, IL June 2018-August 2018

- Worked full time, served as peer leader to special needs and disabled campers, enforced safety measures, procedures, and camp program in a fast-paced, ever-changing environment.
- Resolved challenging social conflict between campers and assisted in art program.

SKILLS

Software: Microsoft Office (Word, PowerPoint, Excel), VBA in Excel, HTML, PTC Creo, Python, AutoCAD, Autodesk Inventor, SQL in Microsoft Access, WordPress, Minitab, Vmix, Flexsim

Interpersonal Skills: Team Leadership, Problem Solving, Collaboration, Adaptability

Machines: Mill, Lathes, Injection Molding, Drill Press