Anna Kane

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EDUCATION

University at Buffalo, The State University of New York
Bachelor of Science, Mechanical Engineering, Expected May 2024

WORK EXPERIENCES

Crest Hollow Country Club, Woodbury, NY
Bridal Attendant and Cocktail Supervisor   May 2021 - Present
- Working directly with clients to carry out and enhance events
- Set up and oversee cocktail hour for parties up to 2,000+ people
- Manage and collaborate with other employees to work as a team in a quick paced environment

Ciro's Italian Restaurant, Kings Park, NY
Hostess   July 2018 - August 2020
- Planned out and organized seating for over 300+
- Took phone orders for multiple people at once
- Worked collaboratively with others

PROJECTS

Wind Turbine Design Project, Buffalo, NY   Fall 2020
- Designed an effective low-cost turbine that was small but had high outputs using design factors like number of blades specifications, motors, and the gear ratio for design
- Tested multiple designs to find the most efficient model and presented to a panel of professionals

Organ Shortage Impact Paper, Buffalo, NY   Spring 2021
- Discussed engineering solutions to the national organ shortage
- Researched bioengineered organs as a new development and how they could alleviate this problem well as comparing them to the current solutions.

OEMP Pool Lift, Buffalo, NY   Fall 2021
- Designed a Pool Lift that allowed for design improvement while applying knowledge of stresses and loads to support a person being raised and lowered into the water
- Worked in a team using industry standards as well as coursework knowledge

SKILLS

Computer Skills: Microsoft Office
Programming Languages: Matlab, Arduino
CAD Programs: SolidWorks, AutoCAD, Rhino3D
Relevant Coursework: Thermodynamics, Solids, Statics, Dynamics, Fluids

EXTRACURRICULAR ACTIVITIES

Society of Automotive Engineers   Spring 2021-present
- Working as a team to design and build dune buggies that will be used in competition with other schools