# Craig Wentka

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**Professional Objective:** Extremely motivated May 2023 college graduate with a Bachelor of Science degree in Mechanical Engineering Technology seeking an entry-level position that allows me to utilize my education and gain professional experience in the fields of quality, design, and manufacturing engineering.

## Capabilities Summary:

- Fluent and experienced to work within Fusion 360, SolidWorks, Autodesk Inventor, Microsoft Office, Adobe Suite, AutoCAD, and Mastercam for product design, manufacturing, and cloud-based 3D modeling purposes.
- Comfortable working in groups and leading teams to ensure both project objectives are met in time.
- Confident developing and communicating innovative problem solving solutions and approaches
- Proficient skills in usage of Adobe Photoshop, Premiere Pro, After Effects.

## Work Experience:

**SUNY Polytechnic Institute: Engineering Research Assistant** August 2022 - December 2022

- Conducted research on tensile strength of aluminum and steel samples, filmed stretching of materials performed by Instron tensile testing machine to conclude physical properties.
- Visually analyzed properties and impact on isolated points, collected and reported deformation/failure data provided by Instron tensile testing machine.

## Education:

**Bachelor of Science in Mechanical Engineering Technology, GPA 3.5** May 2023
SUNY Polytechnic Institute, Utica, NY
President's List for Academic Excellence award

## Senior Design Project: Capstone

- Conceptualized, designed, manufactured, and tested hands-free shoelace tying apparatus within a group of three. Conducted extensive research and served as lead collaborator for the entire production process.
- Iterated designs, models, and prototypes to identify and correct mistakes, inefficiencies and failures. Tested these improvements through rapid prototyping measures. Documented every step and theory behind the decisions in write-up.

## Relevant Coursework:

- Computer Aided Design
- Python Programming
- Advanced Machine Design
- Turbomachinery
- Semiconductor Microfabrication