

**Mariah R. Stark**  
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## OBJECTIVE

To obtain a position in mechanical engineering technology

## EDUCATION

**Bachelor of Science in Mechanical Engineering Technology**, May 20XX  
SUNY Buffalo State University

## SKILLS

**Computer Skills:** SOLIDWORKS, AutoCAD, Inventor, C++, ANSYS

**Skilled Trades:** Welding, Lathe Machining, Vertical Mill Machining, Engine Services (Diagnostics, Disassembly, and Reassembly)

## RELATED EXPERIENCE

### **GEMCOR**

Mechanical Engineering Intern

West Seneca, New York  
9/20XX - present

- Built 3D prototype model of a new wing fastening part
- Engraved using an Epilog Laser
- Organized OEM documents for company archives
- Compiled final assembly drawing packages for customer reference

### **Praxair, Inc.**

Mechanical Engineering Intern – Air Separation Units

Tonawanda, New York  
6/20XX - 8/20XX

- Updated component cost database for engineering reference tool
- Performed structural analysis using ANSYS, including limit load analysis, plastic FEA, elastic FEA, in accordance to industry standards
- Conducted finite element analysis to optimize air separation unit structure resulting in a reduction of material cost by 15%

### **Aurubis Buffalo Inc.**

Mechanical Engineering Intern – Maintenance Department

Buffalo, New York  
1/20XX - 5/20XX

- Engineered and designed modifications to existing equipment to improve production and reduce maintenance cost
- Conducted major overhauls and rebuilt material process equipment to improve quality and yield
- Contacted vendors and suppliers for competitive bidding quotations on jobs

## WORK EXPERIENCE

Ride Operator, Fantasy Island, Grand Island, New York, Summers 20XX and 20XX