

# John Smith

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## Objective

Chemical Engineering student seeking a Process Engineering Internship to apply skills in process optimization, MATLAB, and lab techniques to enhance production efficiency at Mearthane.

## Education

### B.S. in Chemical Engineering

Expected May 2026

University of Cityville, Cityville, ST

GPA: 3.8/4.0 | Relevant Coursework: Process Design, Thermodynamics, Fluid Mechanics

## Skills

- Technical: MATLAB, Aspen Plus, AutoCAD, Microsoft Excel
- Lab Techniques: Distillation, Chemical Analysis, Safety Protocols
- Soft Skills: Problem-Solving, Team Collaboration, Data Analysis

## Experience

### Research Assistant

University of Cityville

Jan 2024 – Present

- Conducted experiments on process optimization, reducing waste by 10% using MATLAB simulations.
- Analyzed fluid flow systems and prepared reports on process efficiency.
- Collaborated with a team of 5 to develop safety protocols for lab operations.

### Engineering Intern

ChemCorp Inc.

Summer 2023

- Assisted in designing process flow diagrams using AutoCAD.
- Performed data analysis on production metrics, improving throughput by 5%.

## Projects

### Process Optimization Project

Fall 2023

- Developed a MATLAB model to optimize chemical reactor efficiency, achieving a 15% cost reduction.
- Presented findings to a panel of professors and industry professionals.