

# Emily Johnson

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## Objective

Motivated Chemical Engineering student aiming to contribute to innovative research at VelvetJobs as a Chemical Research Intern, leveraging expertise in lab techniques and data analysis.

## Education

### B.S. in Chemical Engineering

Expected May 2026

University of Townsville, Townsville, ST

GPA: 3.7/4.0 | Relevant Coursework: Organic Chemistry, Reaction Engineering, Analytical Methods

## Skills

- Technical: Python, ChemDraw, HPLC, Spectroscopy
- Lab Techniques: Titration, Sample Preparation, Quality Control
- Soft Skills: Analytical Thinking, Communication, Teamwork

## Experience

### Lab Assistant

University of Townsville

Sep 2023 – Present

- Conducted experiments on catalyst efficiency, improving reaction yield by 12%.
- Utilized HPLC and spectroscopy for chemical analysis and data interpretation.
- Documented findings in detailed reports for peer review.

### Intern

BioChem Labs

Summer 2023

- Assisted in synthesizing compounds for pharmaceutical research.
- Maintained lab equipment and ensured compliance with safety standards.

## Projects

### Catalyst Development Project

Spring 2024

- Designed a new catalyst using Python simulations, reducing reaction time by 20%.
- Presented results at the University Research Symposium.