Lisa Wong

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Objective

Biomedical Engineering student seeking a Biomechanics Internship at Nipissing University to apply expertise in motion analysis, MATLAB, and ergonomics research.

Education

B.S. in Biomedical Engineering

Expected May 2026

University of Healthville, Healthville, ST

GPA: 3.7/4.0 | Relevant Coursework: Biomechanics, Human Factors, Kinematics

Skills

• Technical: MATLAB, Motion Capture Systems, ANSYS, Python

• Analytical: Ergonomic Analysis, Data Interpretation

• Soft Skills: Communication, Teamwork, Critical Thinking

Experience

Research Assistant

University of Healthville

Sep 2023 – Present

- Analyzed human motion data using motion capture systems, improving accuracy by 15%.
- Developed MATLAB scripts for biomechanical simulations.
- Collaborated on ergonomic studies for workplace safety improvements.

Intern HealthTech Labs Summer 2023

- Assisted in testing prosthetic designs for improved mobility.
- Documented findings for biomechanical research publications.

Projects

Ergonomics Study Project

Spring 2024

- Conducted an ergonomic analysis of office chairs, reducing user strain by 10%.
- Presented results at a regional biomechanics conference.