



# JASHANDEEP SINGH

*Manufacturing Engineer, CNC Programmer, and Computer Science Student*

Innovative thinker with a passion for technology and creating software that makes life easier. 4+ years of working experience as Manufacturing Engineer, currently pursuing B.Sc. Computer Science at WLU. Committed to leveraging engineering, problem solving skills, technical aptitude, and a strong work ethic to excel in technology sector.

## WORK EXPERIENCE

### **Manufacturing Engineer, Canadian Babbitt Bearings**

June 2019-Present

- Created 3D models and 2D drawing using SolidWorks.
- Used Mastercam for creating CNC programs for 5 axis mills, horizontal mills, lathes and turn mills
- Developed machine simulation for DMG Ecomill50 and Matsuura H-Plus 630
- Created over 1000 CNC programs and 500 CADs
- Created data analysis applications for job scheduling and smooth workflow process.

### **CNC Setter/Operator, Stackpole International**

May 2018-April 2019

- Monitored various machining operations and diagnosed malfunctions
- Maintained tight tolerances with design specifications
- Adhered to a high level of safety

## EDUCATION

### **B.Sc. Computer Science, Wilfrid Laurier University**

September 2022-August 2026

- Currently pursuing, with strong focus on software development, algorithms, computer architecture and problem solving
- First Year GPA: 9.0

### **Mechanical Engineering Diploma, Conestoga College**

September 2016-August 2019

- Completed a comprehensive diploma in Mechanical Engineering with specialization in Automated Manufacturing
- Gained expertise in utilizing software tools such as SolidWorks and Mastercam

## COMPETENCIES

- Innovative Thinking
- Quick Learner
- Keen Observer
- Ambitious
- Focused
- Creative
- Ability to Multitask

## SKILLS

- SolidWorks
- Mastercam
- Python
- Java
- JavaScript
- HTML/CSS
- VBA
- Microsoft Office
- Databases

## INTERESTS

- Mediation
- Electronics
- Design
- History
- Law
- Entrepreneurship

Reference available upon request.