

# Anshul Bhatt

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## Objective

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As a motivated and detail-oriented Mechatronics Engineering student, I am looking for the chance to apply my knowledge in mechanical, electrical, and computer systems. My goal is to contribute to cutting-edge projects and gain hands-on experience in automation, robotics, and embedded systems while working in a forward-thinking engineering team.

## Education

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**Ontario Tech University** *Sept 2023 – Present*  
*Bachelor of Engineering in Mechatronics*

- **Coursework:** Object Oriented Programming, Fluid Mechanics, Concurrent Design

## Experience

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**Mechatronics Engineer Intern** *Milton, Ont*  
*Saviour Automation* *May 2025 – Aug 2025*

- Setting up PLCs and VFD to Optimize factory automation
- Writing and Implementing Programs for PLCs to automate factory's and assembly lines.

**Design Team Lead** *Oakville, Ont*  
*FRC 5409* *Oct 2019 – Jun 2023*

- Designing Components for an multiple robots to compete in varus different games through the years.
- Leading different design subteams in completing parts of a robot that will all link up and make a larger machine.

## Projects

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**V10 Car** *2023*

- Designed a Car with a Chassis, Suspension, Breaks, Manual transmission, V10 engine and Body for a CAP stone project
- Tools Used: Inventor Professional, Autodesk Alias

**Elevator Arm Mechanism** *2023*

- Designed an Arm that could expand and retract using an elevator mechanism for an FIRST Robotics Competition. The mechanism was then Manufactured and added into my teams robot.
- Tools Used: Inventor Professional.

**Industrial Scissor Lift** *2024*

- Designed an Automated Scissor lift that could be used for both Industrial and Commercial Uses. The scissor lift was designed to reach heights of 25 feet and followed the Occupational Health and Safety Act.
- Tools Used: SolidWorks

## Skills

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**Languages:** C++, Java, Python, RSlogix 500

**Softwares:** SolidWorks, Microsoft Office Applications, Visual Studios, Inventor Professional, Auto-CAD, Revit, Fusion, Alias, MatLABS.