

Aniket Goyal

Oshawa, ON L1G 7W5 | +1-437-248-1436 | aniket.17.goyal@gmail.com | LinkedIn- www.linkedin.com/in/aniket001/

Core Skills and Competencies

- **Design Software (CAD)**- Siemens NX, SolidWorks
- **Software languages**- Java, C++, Arduino
- **Circuit design software**- Multisim
- **Applied Mathematics Software**- MATLAB, Simulink

Projects

- **ATM Machine using Java** | Self-Project (May 2022)
 - Code for the functioning of ATM machines was implemented using object-oriented principles in Java. Users will have the option to choose the type of their bank account, access the information, add or withdraw funds and go back to the main option whenever needed.
- **Smart Home Security system using Arduino** | Ontario Tech University (January- April 2022)
 - Three different scenarios for smart home security were implemented using PSD distance sensor, push button, photocell sensor and keypad sensor, and basic electronic devices such as speaker and led light. The PSD sensor was mainly used to detect the range of any incoming object, photocell was used to detect the day and night and respond accordingly, push-button was used to give control to the user, and keypad module was used to give access to the person.
- **Driverless Delivery Vehicle Design** | Ontario Tech University (September- Dec 2021)
 - Undertook market research and came up with the most efficient design which was implemented by using NX.
 - FEA analyses were performed to ensure the design is robust and meets the standards.
- **Aircraft Landing gear Design**| Ontario Tech University (January- April 2021)
 - Designed and developed concept designs and possible retraction systems using SolidWorks for the landing gear model. Cooperated and coordinated with a group of 5 members to ensure the model achieved the requirements and all tasks were completed and up to deadlines. Calculated mobility and trajectory of the landing gear's motion in stowed and deployed positions.

Experience

- **Cashier/Customer Service**| Loblaws Companies Limited, Oshawa, Ontario (April 2020 – Present)
 - Promoted customer loyalty and consistently provided a friendly service with knowledgeable assistance.
 - Assisted customers by answering questions and fulfilling requests.
 - Nominated more than twenty times in the overall satisfaction survey by the customers for providing excellent customer service.

Education

- Ontario Tech University, Oshawa, Ontario | September 2019 – April 2023
Bachelor of Mechatronics Engineering, GPA-3.05/4.13
- Sacred Heart Convent School, Ludhiana, PB, India | January 2016- May 2018
High School, CBSE, Grade 12- 80%