

Shivam Saheb

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SUMMARY OF QUALIFICATIONS

- Exceptional written and oral communication skills with a strong ability to prepare well written reports and deliver high quality presentations all while meeting deadlines
- Enthusiastic and passionate individual who is able to work well collaboratively in teams or independently with ease
- Proficient ability in office computer software such as MS Office, and Project
- Advanced ability in drafting CAD drawings, with over 2 years of experience using CAD software including CATIA
- Great interpersonal skills developed from over 4 years of customer service working at Metro Inc
- Proactive problem solver with a solid foundation in mathematical ability who is good at thinking "outside the box"

EDUCATION

Ryerson University

Expected 2019

- Currently a third year student pursuing a 4 year Bachelor of Engineering – Aerospace Engineering (Space Stream)
- **Related Courses:** Communication in the Engineering Professions, Component Design and Material Selection, Statics, Electric Circuits, Stress Analysis, Control Systems, and Numerical Analysis

SKILLS

- Software Knowledge: CATIA, ANSYS, SolidWorks, AutoCAD, Excel, PowerPoint, Word, Project, Outlook
- Programming Languages: C, Python, MATLAB, familiar with VBA
- Knowledge of reading and interpreting mechanical assembly drawings, and electrical schematics
- Experience in CFD and CAD tools and techniques from multiple projects, familiar with FEA
- Experience in crafting composite structures and dealing with CNC machines, 3D printing, and Laser Cutting
- Alpha-numeric data entry input skills and ability to follow and execute verbal and written instructions
- Experience in creating Objective Trees, BOMs, PDRs, datasheets, as well as organizing and filing records
- Knowledge of tools such as oscilloscopes, solder machines, power drills, and calipers

PROJECTS

GUI Script Project undertaken in Ryerson Rocketry Club (RRC)

- Designed a GUI script using C and Python for record, analysis, and interpretation of data.
- Tested and developed code to display live information coming from an inflight rocket. Worked with Arduino and Raspberry Pi microcontrollers.

Control Mechanism for Aircraft Flap

- Collaborated in a team to design a CAD model of a control mechanism for aircraft flap extension/retraction
- Prepared prototype designs, evaluated designs using a decision matrix, and decided upon a four-bar linkage with a slider mechanism

Gearbox Redesign Project

- Used CATIA to design all component drawings for later use in prototype redesign
- Conducted stress tests on given frame and designed an efficient replacement by reducing material usage and unit cost while maintaining a given set of required parameters

WORK EXPERIENCE

Metro Inc, Burlington, Ontario - Deli Worker/Cashier

09/2013 - PRESENT

- Take customers' orders in company's order fulfillment system
- Record money in cash register for accounting purposes
- Organize inventory shelves and clean food storage areas
- Perform warehouse duties – material handling, merchandising and staging