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| **Shivam Saheb** | | |
| Burlington, ON | 289-300-1430 | shivamrsaheb@gmail.com | [www.linkedin.com/in/shivamsaheb](http://www.linkedin.com/in/shivamsaheb) | | |
| **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 | | |