

Ghufran Shahid

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Objective: Third-year Mechanical Engineering student at Ontario Tech University with phenomenal engineering/problem solving and communication skills seeking to obtain an Internship/CO-OP to gain hands-on work experience.

Highlights of Qualifications:

- SOLIDWORKS certified (CSWA) and experienced in NI Multisim
- Proficient in Java, C++, and MATLAB
- Highly skilled in Power Bi and Power Apps
- Phenomenal Teamwork and communication skills developed from being executive member of several organizations throughout campus as well as from being on the High School Basketball Team
- Strong trouble shooting and analytical skills developed from working as an LMS Tech Support technician and solving complex problems.
- Noteworthy multitasking formed from working on and leading different projects at OPG.

Education: (Post-secondary only)

Bachelor of Engineering (Mechanical Engineering) June 2023
Ontario Tech University, Oshawa, ON

SOLIDWORKS Mechanical Design Certification (CSWA) November 2020

Work Experience

Engineering Intern January 2022 - Present
Ontario Power Generation

- Developed a Power BI dashboard using data from SQL Servers and SharePoint Lists to help keep track of all Doors and Cranes maintenance happening throughout the entire Darlington Nuclear Power Plant
- Successfully managed and led a \$50,000 project to reduce equipment losses and tracking issues by 95%
- Led the inauguration and assisted with the corporate-wide implementation of the Overtime App
- Assisted and oversaw electrical upgrades in mechanical maintenance site

LMS Student Support Technician May 2021 - Present
Ontario Tech University

- Tested and evaluated new features on the university learning management software's before students and faculty got access to them to ensure reliable the software worked as intended
 - Assisted in providing training to university staff/faculty members to familiarize themselves with the technology
 - Held and led drop-in Tech Support office hours for students to have one on one technical support assistance
 - Managed and responded to emails regarding technological issues by faculty and students in a consistent and timely manner
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Project or Lab Experience:

Concurrent Engineering Design/ Aircraft Landing Gear
Ontario Tech

September 2021

Technology used: SOLIDWORKS

- CAD DESIGNED a landing gear using SolidWorks to assist in physical assembly
- Constructed a physical landing gear alongside 5 other group members simultaneously
- Performed several tests safety and assembly tests alongside with the entire team to assure the safety of the landing gear and to reduce gear opening time by 10%

Engineering Design/Jukebox Bird House
Ontario Tech

May 2020

Technology used: SOLIDWORKS

- CAD Designed a musical bird box using SolidWorks to synchronize with music
- Worked with 4 other group members to construct reports, engineering drawings, and CAD Designs to come up with the final product

Honda Civic 2007(Personal Project)
Ontario Tech Honda Civic 2007

December 2020

Technology used: Basic tools/Equipment

- Improved the vehicle exterior using several coats of vehicle paint NH-578 and clear coat layer above.
- Replaced car battery to troubleshoot alternator on why the vehicle wouldn't start
- Disassembled and improved car seats by unscrewing and unclipping the airbag wire to add more comfort in the vehicle

Volunteer / Extra Curricular's

Orientation Leader
Ontario Tech University

September 2021

- Lead both small, around 10 and large, around 25 first year student groups throughout the university orientation
- Communicated with students by answering several questions and concerns helping them in their transition to university and engineering
- Initiated ice breakers in small groups for students to start feeling more comfortable with their peers
- Served as a positive role model throughout the Orientation

ASA Executive VP of Internal Affairs
Ontario Tech University

June 2021 - Present

- Managed the financial state of the group the ensure every dollar would be used as effective and as efficient as possible
- Dialed up several different businesses to find advertisement sponsorships for the club
- Used Microsoft Excel to documents transactions made to keep track of everything spent
- Mentored other executive members to distribute workload among each other's.