

KRISTIN SEYMOUR

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PORTFOLIO:
<https://www.kristinseymourengineering.com/>

PROFESSIONAL SUMMARY

Skilled in 3D modeling and the design process, expertise gained from working as a Junior Engineering Specialist for 13.5 months. Experience using Microsoft Suite through gathering and recording data, creating presentations and graphs at Stackpole International and school. Great social and customer service skills obtained by working as a barista at Prairie Boy Bakery and interacting with vendors and management at Stackpole International.

SKILLS

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| <ul style="list-style-type: none">• Solidworks• Microsoft Suite• Customer Service | <ul style="list-style-type: none">• Organization and prioritization• Working in a fast-paced environment | <ul style="list-style-type: none">• English writing and communication• Autodesk Inventor |
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EDUCATION

McMaster University, Hamilton ON

B.Eng in Mechanical Engineering

- Currently in fourth year, expected completion April 2024

WORK EXPERIENCE

Junior Engineering Specialist, July 2020 - August 2021

Stackpole International PM, Mississauga, ON

- Created solutions to problems on the plant floor:
 - Given an issue, and discussed with people working on the plant floor as well as engineers to design solutions on Solidworks
 - Presented my work and solutions to fellow engineers and management for approval
 - Communicated with vendors to order the custom parts, responsible for assembling and implementing the design, and going through the trial process to complete the project
- Automation projects:
 - Worked with a group of 4 engineers to automate powder metal machining processes
 - Placed robots, conveyors, and machines in layouts on Solidworks before planning the installation
 - Analyzed what components were required and created bills of materials (fasteners, sensors, and other components) to ensure the team had what they needed for the install

Barista and Front of House, June - August 2018 and 2019

Prairie Boy Bakery, Dorset, ON

- Worked at the cash register, served pastries, made drinks, answered questions, and greeted customers all in a fast and efficient manner
- Took inventory multiple times a week to ensure the work environment was methodical and organized
- Worked back of house washing dishes and cutting ingredients

EXTRACURRICULARS

McMaster Concrete Toboggan Team, 2018-present

- Team Co-Captain (2022-present): managing and providing support to all 9 sub-captains to ensure a successful toboggan is built in time for competition in January 2023. Responsible for organizing and taking 30 engineering students on the team to Kelowna, BC for the competition.
- Superstructure Sub-Captain (2021-2022): designed and built a steel roll cage for 2022 competition and ran workshops with general members to build it
- Sponsorship Sub-Captain (2019-2020): reached out to sponsors for donations and organized fundraisers
- General Member (2018-2019): worked on theme and creation of toboggan

McMaster Intramural Volleyball, 2019-2022

PROJECTS - see <https://www.kristinseymourengineering.com/> for details of each project

Concrete Toboggan Roll Cage, 2022

Kayak and Canoe Rack, 2020

Cam Follower Troubleshoot, 2021

Chicken Coop, 2020

Furnace Loading Tool, 2021