

## EDUCATION

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### Bachelor of Industrial Engineering

*Ryerson University*

**Sept. 2016 - Present**

Overall GPA: 3.47/4.33

- *Awards:* Dean's List (2018-2019)
- *Relevant Coursework:* Production Planning & Inventory Systems, Facilities Design, Work Measurement and Design, Data Analytics, Quality Assurance, Discrete Model Simulation, Operations Research, Industrial Ergonomics

## PROFESSIONAL EXPERIENCE

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### Engineer in Training

*Honda of Canada Manufacturing – Alliston, ON*

**Incoming May 2021**

### Process Engineer (Intern)

*Honda of Canada Manufacturing – Alliston, ON*

**May 2019 – Sept. 2020**

- Saved the company \$1.2 million a year in projected additional manpower costs by utilizing model-specific manpower idle time to produce additional sub-assemblies in the department
- Successfully managed a \$20,000 new model project from ideation to implementation to produce new model sub-assemblies in the department
- Created a sub-assembly inventory calculator using Excel and VBA to improve utilization of manpower, reduce the lineside space required for delivery shipments and create an improved part delivery schedule for sub-assembly parts
- Provided support in business plan efficiency projects to help reduce manpower requirements and non-value-added time across the department
- Created macros using VBA to download, compile, calculate and format company information to simplify workflow of team members
- Facilitated production change initiatives between various groups with the goal of improving quality, cost, delivery, morale and safety

## SKILLS

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**Software:** Excel, AutoCAD, SolidWorks, CATIA, Access, Simul8, Arena, Visio

**Programming:** VBA, Python, R, SQL, MATLAB

## CERTIFICATIONS

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**BasicMOST Time Study Certification** – Accenture Academy

**Certified SolidWorks Associate** – Dassault Systems

## PROJECTS

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### Feasibility Study for Manufacturing

*Ryerson University – Academic Design Project*

**Sept. 2018 – Dec. 2018**

- Collaborated with a team of 4 members to create a complete manufacturing process for a rice cooker assembly
- Created a customer fulfillment plan using delivery schedules and just-in-time planning
- Performed time motion studies using MTM-1 and MOST
- Designed a plant layout that include ergonomic workstation layouts with jigs and fixtures and transportation systems
- Completed a cost analysis model using activity-based costing

## EXTRA-CURRICULAR EXPERIENCE

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### Ethics Committee Member

*World Cube Association*

**October 2019 – Present**

- Collaborated with a 6-person international team to conduct ethics investigations into the actions of WCA Staff, WCA External Staff and National Organizations
- Supported development of Code of Ethics document to regulate behavior of WCA Staff and External Staff