

MARK JASKIEWICZ DOBROWLANSKI



(647)-523-2230



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<https://www.linkedin.com/in/mark-jd>

HIGHLIGHTS

- Bachelor of Technology Student graduating in December 2019
- Ability to concisely present results through strong oral and written communication skills
- Keen interest and solid understanding in the **manufacturing and innovation** design industry
- **Mechanical aptitude** with multiple co-op positions in the fields of product manufacturing such as production planning, assembling, and mechanical design
- Excellent problem solver, efficient team player, and highly motivated independent worker

EXPERIENCE

Mechanical Designer Co-op

Transit Design Group - Mississauga, ON

Jan 2018 – Aug 2018

- Designed lighting fixture parts and assemblies through 3D CAD models and 2D drawings in **SolidWorks** to meet customer requirements
- Prepared engineering reports on environmental and installation testing conducted on components
- Communicated with external vendors to source supplies, make material selections, and **create bills of material** for multiple engineering projects
- Created parts using concepts of injection molding, machining, fastening, and assembly

Production Planner Co-op

Cyclone Manufacturing Inc. - Mississauga, ON

May 2017 – Oct 2017

- Cooperated with engineers, planners, and CNC operators to effectively verify bills of material and **release production orders**
- Converted aerospace part data from JobBOSS to Microsoft AX using professional engineering documents
- Demonstrated leadership through overseeing employee training by delegating and **prioritizing tasks**
- **Optimized system** processes with supervisors to efficiently improve part production within the manufacturing plant

Production Assembler

Garland Commercial Ranges - Mississauga, ON

May 2016 – Aug 2016

- **Assembled** units with rivet guns, compressed air ratchets, drills, and hand tools
- Wired over one hundred units with the use of electrical diagrams
- Collaborated with various teams demonstrating teamwork and **interpersonal** skills
- Combined a series of parts to create kitchen supplies on an assembly line

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EDUCATION

Bachelor of Technology Automotive and Vehicle Engineering Technology

McMaster University – Hamilton, ON

Expected Graduation: Dec 2019

- **Will be awarded**
 - Bachelor of Technology Degree
 - Mechanical Engineering Automotive & Vehicle Technology Advanced Diploma
 - Business Management Certificate
- **Courses**
 - Used finite element analysis and design to create solutions for customer specifications
 - Project Management techniques and knowledge of product lifecycles
 - **Mechatronics** with a focus on microcontrollers, CAN communication, and electronics
 - Data analysis using quality assurance methods and operations management
- **Projects**
 - Prototyped, modelled, and 3D printed a hand-crank adaptive spoiler using Siemens NX
 - Implemented an innovative solution for a company's inventory system using risk and stakeholder analysis
 - Developing an autonomous line following robot for Capstone using two-dimension kinematics, force analysis simulations, and SolidWorks

SKILLS

- Skilled in software such as **SolidWorks**, AutoCAD, Siemens NX, Catia V5, and Microsoft Office
- Knowledgeable in engineering principles such as 5S, LEAN, Six Sigma, and data analysis
- Demonstrated **health and safety practices** backed by WHMIS course completion, and workplace training sessions
- Quick learner with prior experience working in fast-paced manufacturing and engineering environments

EXTRACURRICULARS

Volunteer

One Million Trees – City of Mississauga

April 2018 – Present

- Worked towards resource conservation and environmental consciousness through tree planting
- Brainstormed **environmental solutions** to improve sustainability within the community

Financial Officer

Bachelor of Technology Association – McMaster University

Dec 2016 – Dec 2017

- Delegated **project funding** and managed the organization's treasury
- Planned events to connect students through team building and communication outings