MARK JASKIEWICZ DOBROWLANSKI

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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

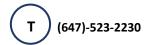
Production Assembler

May 2016 - Aug 2016

Garland Commercial Ranges - Mississauga, ON

- · 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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Expected Graduation: Dec 2019

EDUCATION

Bachelor of Technology Automotive and Vehicle Engineering Technology

McMaster University - Hamilton, ON

Will be awarded

- o 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
- o **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