






MARK JASKIEWICZ DOBROWLANSKI

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SUMMARY

- 4+ years experience in product design
- 6+ years of CAD modelling and designing from academic and industry experience
- Currently pursuing a Professional Engineer designation (P. Eng)

EXPERIENCE

Product Designer

TDG Transit Design Group - Mississauga, ON

Jan 2020 - Jan 2024

- Designed rail lighting from concept to production using SolidWorks
- Implemented company-wide processes for adhesive bonding, process FMEAs, and engineering documentation (CDRLs)
- Analyzed product reliability and failure mode analysis for over 15 programs & projects worldwide
- Designed over \$75,000 worth of components for production using injection molding, sheet metal CNC, and die casting
- Prototyped units for testing of newly acquired products and for implementing innovative lighting designs
- Managed rapid prototyping lab & trained up to ten coworkers on equipment operations and maintenance

EDUCATION

Computer Systems Diploma - Software Development and Network Engineering
Sheridan College

Jan 2024 - Present

Bachelor of Technology - Automotive Engineering Technology
McMaster University, Summa Cum Laude

Sept 2015 - Dec 2019

PROJECTS

Project AI - An interactive horror visual novel about AI chatbots (Godot Engine)

Google Cybersecurity Certificate - A certificate covering cybersecurity fundamentals (Bash, Python, SQL)

Line Following Robot - An autonomous robot that follows a line through a course for Capstone (SolidWorks)

SKILLS

2D / 3D CAD Software

Unigraphics NX
SolidWorks
KeyShot 10
CATIA V5
Blender

Programming Languages

HTML, CSS, JavaScript
C++
Java
Python
Linux Bash

Engineering Documentation

Life Cycle Analysis
Reliability Analysis
DFMEA
FMECA
PFMEA