Vladimir Stefanovski

vlad.stefanovski@gmail.com | 226-350-0464 | Linkedin.com/in/vladstefanovski/ | GitHub.com/vladi3ir

Mechanical Engineer and C# .NET developer with 8 years experience in Automotive Product Development. I've worked on a variety of projects from Welding, Manufacturing Assembly and Engine Cooling Systems to App Development with ASP .NET Core. My focus is to contribute to the advancement of in connected vehicles by collaborating with teams to build, test and develop robust products.

EDUCATION

Grand Circus C# .Net Bootcamp Detroit, MI — June 2019 – Dec 2019
Projects include: Final Project, Library Database App

University of Waterloo, Waterloo, Ontario — Sept 2008 – Sept 2010
Masters of Applied Science, Mechanical & Mechatronics Engineering

University of Windsor, Windsor, Ontario — Sept 2004 – Sept 2008
Bachelors of Applied Science, Mechanical & Automotive Engineering

PROFESSIONAL AND TECHNICAL SKILLS

- Project Management
- Change Management
- C# ASP .NET CORE
- SQL/Excel
- HTML/CSS
- MATLAB/Python

PROFESSIONAL EXPERIENCE

Design & Release Engineer — Oct 2014 – Present
Ford Motor Company, Dearborn, MI

- Responsible for executing the design, validation and manufacture of quality parts that meet vehicle program requirements, by effectively communicating the working design level scope with cross functional teams
- Led teams of 5-10 engineers in developing the next generation Thermal Management Systems
- Responsible for 100+ components across 4 programs from cradle to grave development stages
- Managed and coordinated timelines DVPR/PVPR testing on Cooling System components
- Maintained day to day design changes, finances, BOM updates and releases via change control process
- Successfully achieved milestone deliverables by effectively managing suppliers and resolving open issues
- Controlled on time delivery of Quality, Cost, Weight and Function of parts by ensuring the program team is aligned on objectives

Prototype Development & Launch Engineer — May 2011 – Oct 2014
Kirchoff Group Corporate Center, Aurora, Ontario

- Led team of 5 skilled trades to launch laser welding cells across 4 plants over 16 months
- Reduced production cycle time by 9% incorporating traveling salesman algorithm to welding robot motion
- Programmed ABB robot software for 6 axis robot and communication to PLC/Weld cells
- Developed production lines for large metal stamping/welding prototype assemblies

Mechanical Engineer Co-op — Apr 2007 – Sept 2007
Tool-Tec Inc, Windsor, Ontario — Apr 2008 – Sept 2008

- Built and launched a 3D printing TIG welding cell for reworking injection mold tooling
- Created a numerical model by applying DOE's to determine the effects of weld parameters on weld geometry
- Final product was 5x faster than manual welding and enabled welders to become robot technicians