Vladimir Stefanovski

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C# .NET developer transitioning from a career in Mechanical Engineering with 8 years experience in Automotive Product Development. I've worked on a variety of projects from 3D printing, Engine Cooling Systems to C# App Development. My focus over the next 5 years is to continue to learn and grow as a developer by building and testing robust software while collaborating with teams to achieve project milestones and objectives.

EDUCATION

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

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

TECHNICAL SKILLS

- C#
- Core
- SQL
- Git/Github
- HTML/CSS
- Entity
- OOP
- MATLAB/Python
- Project Management

PROFESSIONAL EXPERIENCE

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

- Led teams of 5-10 engineers in developing the next generation Engine Cooling 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
- Successfully achieved milestone deliverables by effectively managing suppliers, prioritizing open issues
- Implemented to strong Ford brand by managing part Quality, Cost, Weight, Function and Timing

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
- Optimized production cycle time by simulating robot motion in virtual environment
- Developed production lines for large metal stamping/welding prototype assemblies and launch on the GM K2XX truck/SUV Grill Opening Reinforcement - production volume 4m/year

Controls Engineer — 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
- Applied DOE's to determine the effects of weld parameters on weld geometry
- Implemented and debugged code for ABB robots and machinery