

KEVIN LAMOTHE

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EDUCATION

University of Manitoba, Winnipeg MB
Bachelor of Science, Electrical Engineering

May 2017

IEEE Canadian Foundation Scholarship Recipient

2016

WORK EXPERIENCE

Holley Performance Products Canada
Electronics Test Engineer

May 2017 - Present

- Design verification testing of new product development for EFI (electronic fuel injection) applications. Responsible for qualifying new designs with initial electrical in circuit testing, mechanical vibration tests and burn in tests.
- Experience in analog, digital and high current electronic design. Responsible for schematic, BOM (Bill of Material), PCB layout for replacing unreliable test fixtures.
- Designed circuits to replace products with end of life components, new designs required to meet or exceed current specifications. Performed research on requirements, created schematics, designed PCB and test fixtures to qualify new products to be released to production.
- Software development for manufacturing test applications. Used the C# and .NET framework to develop functional test applications to deploy device firmware and perform functional tests for mass production. Applications required to interface with National Instruments DAQ devices, power supplies and CAN controllers while recording test outcomes to a SQL database.

Manitoba Hydro
Technical Support - Student

2011-2016

- Responsible for project document control using established document management systems. Maintained a construction drawing set and updated with field revisions throughout the project as well as revised drawings from designers and external contractors.
- Conducted project audits to establish work completed against project milestones. Required site visits to document contractor progress across Manitoba to be reported to project stakeholders.

TECHNICAL STRENGTHS & TOOLS

Programming Languages	C#, C++, Matlab, Python, Latex
Modeling Tools	AutoCad, Solidworks Electrical
Circuit Design	Cadence CIS, Altium, KiCAD
Development Tools	Visual Studio, Atollic True Studio, Arduino IDE