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| Darryl Weimers |
| 645 Saint-Philippe, Montreal, QC, Canada  [darrylweimers@gmail.com](mailto:darrylweimers@gmail.com)  1-514-887-3866  <https://github.com/darrylweimers>  <https://www.linkedin.com/in/darryl-weimers-89730358/> |

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| ../Downloads/icons8-user-80.png | Profile |

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| Embedded software engineer with 4 years of experience specializing in firmware and computer application. I am a Canadian citizen eligible for a TN status seeking a position around the Philadelphia area.  I am a problem solver with strong analytical skills and capacity to learn new technologies. I have passion in the field and have mastered numerous programming languages rapidly. |

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|  | Skills |

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| **Languages:** | C, C#, Java, Python, Swift, MySQL, XML, JSON, HTML, CSS |

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| **Applications:** | Tortoise SVN, Git, Visual Studio, Keil uVision, IAR Embedded |

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| **Tools:** | Oscilloscope, Logic Analyser, Multi-meter, Data Logger, Electrostatic Discharge Tester, Temperature Chamber |

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|  | Experience |

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| **JUL 2016 – PRESENT**Embedded Firmware DeveloperAutomotive Data Solutions | Montreal, QC  * Shortened design time for new products by adding maintainable and extensible code to company’s software library. This included accelerometer, sonar sensors, speaker and external flash. * Designed firmware and improved existing hardware schematic for the company’s parking sensor product. * Collaborated with engineering team in developing a robust system to test company’s products. * Prototyped MOST (Media Oriented Systems Transport) to confirm its feasibility. * Tested, troubleshooted and debugged existing hardware and software systems to correct errors, update interfaces and improve performance.  |  |  | | --- | --- | | **Technologies:** | **Embedded C, C#, Python, 8/32 Bits Embedded ARM** | |

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| **JAN 2014 – MAR 2016**Embedded Software DeveloperTotex International | Hong Kong, HK  * Increased production volume and reduced production costs by developing a computer application designed to run scripts to test all of the company's products and operates test equipments and embedded electronic. * Introduced new products and prototypes by reverse engineering communication protocols for batteries * Reduced engineering design time by delivering clean and reusable software components such as I2C, SPI, UART, ADC, PWM, and TIM. * Repaired battery testers to secure production line  |  |  | | --- | --- | | **Technologies:** | **Embedded C, C#, Python, VB.NET, 8/32 Bits Embedded ARM, ST Electronics, Atmel, NEC, TI Battery Fuel Gauge IC** | |

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|  | Education |

### **SEP 2009 – JUN 2013**

## Bachelor of Electrical Engineering

## Concordia University | Montreal, QC

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| **English:** | Professional Proficiency |

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| **French:** | Working Proficiency |

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| **Chinese:** | Native Proficiency |