

Marek Niewiadomski

linkedin.com/in/marek-niewiadomski
niewiadm@uoguelph.ca | 226.500.3552

SKILLS

PROGRAMMING

- Proficient in C#, SQL, VisualBasic, C, Android Development, and Java.
- Familiar with Python, MATLAB, RTOS development, FPGA programming, and XAML.
- Experience using git, TFS, JIRA, Microsoft CRM, Slack, and Visual Studio in a scrum work environment.

SOFTWARE

- Familiar with Microsoft Office applications, SolidWorks, AutoCAD, Xilinx, LabView through various projects.

EXPERIENCE

TRANS PLUS SYSTEMS | SOFTWARE ENGINEERING INTERN

January 2018 – September 2018 | Guelph, ON

- Created parsing algorithms to assist in the importation of fuel receipts and solved many other complex problems on a daily basis in C# and VB.
- Worked with third party mapping API's that enabled the company to implement a geocoding feature.
- Worked with SQL scripts and stored procedures to cache and populate information on different Crystal reports.
- Utilized Visual Studio to create migration scripts for clients wanting to update their software.
- Operated within a team oriented agile scrum environment and participated in scrum meetings.

FIAT CHRYSLER AUTOMOBILES | DIE CAST OPERATOR

June 2015 – January 2017 | Toronto, ON

- Worked in an aluminum high pressure die casting facility operating a manufacturing cell and trouble shooting problems when they arose.
- Identified and disposed of parts not meeting quality standards and used root cause corrective actions to provide solutions to reoccurring problems.
- Followed strict safety requirements concerning maintenance procedures and followed the 5s' of manufacturing.

BISHOP MACDONELL CATHOLIC HIGH SCHOOL | PHYSICS TUTOR

September 2014 – 2015 | Guelph, ON

- Worked with students in a one on one environment identifying and addressing course challenges and gaps in their knowledge.
- Used clear and descriptive language to help visualize problems.

PROJECTS

GUELPH MENTAL HACKS | UNIVERSITY OF GUELPH

March 2017 | Guelph, ON

- Developed a website, using HTML5, CSS, and Bootstrap that was steered towards helping those with mental illnesses by connecting them with peers and resources.
- Presented design to a board of judges explaining our initiative.

GRYPHON RACING ELECTRICAL ENGINEERING TEAM | UNIVERSITY OF GUELPH

September 2016 - September 2017 | Guelph, ON

- Worked with a team of engineering students to document and update electrical work done on the Gryphon race car using AutoCAD Electrical and SolidWorks Electrical.
- Involved in integrating the tire temperature sensors to existing electrical systems.
- Collaborated with business students in marketing our project to potential sponsors.

EDUCATION

UNIVERSITY OF GUELPH | B.ENG ENGINEERING SYSTEMS & COMPUTING

September 2015 - Present | Guelph, ON

- Key Courses: Real Time Systems Design, Large Scale Software Architecture, Data Structures, Object Oriented Programming, Systems and Control Theory.