

Tom G. Fischer

RR#2 Teeswater, ON NOG 2S0

Phone: 519-357-8741 | Email: tgfischer6@gmail.com

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EDUCATION

Western University

September 2012 - Present

Faculty of Engineering Science

Majoring in Software Engineering

Dean's Honor Roll, 2012 - 2014

WORK EXPERIENCE

Software Developer

Huron Geomatics Inc. – Wingham, ON

October 2011 - August 2014

- Designed and built several applications in C# and Java for clients
- Regularly used Visual Studios, Eclipse, Microsoft SQL Server, and Microsoft Access
- Projects include:
 1. Batch Panorama Stitching application
 2. Automated Ontario One Call DBF Importing application
 3. Automated Smart Meter XML Importing application
 4. .JPEG Longitude/Latitude Extracting utility
 5. Visualized data with HTML,CSS, JavaScript, and PHP

NOTABLE ACADEMIC PROJECTS

Stock Market Trading Application

Western University – Software Requirements and Analysis

Fall 2014

- Developed a C# Windows Forms application for users to trade stocks
- Utilized the Observer pattern to allow the data views to maintain up-to-date information

Multiplayer Tron

Western University – Operating Systems

Fall 2014

- Created a console-based multiplayer Tron game, written in C++
- Utilized sockets to allow clients to connect to a server, and play with others remotely

Space Invaders Application

Western University – Web Technologies

Fall 2014

- Designed and produced an HTML5 game similar to Space Invaders, using Phaser.io
- Web application featured a list of high scores, chatbox, Google Maps API, and user login
- Also utilized NodeJS, PassportJS, and Bootstrap 3

Utility Meter Web Application

Western University – Database Management Systems

Fall 2014

- Designed and built a MySQL database to hold information about customer utility meters
- Created a web application for clients to log in and view their utility's data
- Utilized NodeJS, DataTablesJS, and Bootstrap 3

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Pokédex Blackberry App

Western University – Software Construction

Fall 2013

- Built a Blackberry application using C++ and the Qt framework that displays information extracted from a .CSV file
- The application was programming using the QNX Momentics IDE

TECHNICAL KNOWLEDGE

C#	HTML	SQL
C++	CSS	UML
Java	JavaScript/jQuery	AJAX
REST API	XML	NodeJS

ACTIVITIES

Fastball (W.O.A.A./O.A.S.A/H.C.F.L.)	1998 - Present
Western University Recreational Sports	2012 - Present
O.A.S.A. Skills Development Camps/Team Ontario Fastball Tryouts	2009 - 2013
W.O.A.A. Softball Umpire	2006 - 2013
W.O.A.A. Minor Hockey	1998 - 2012
F.E. Madill Secondary School Swim Team	2008 - 2012
F.E. Madill Secondary School Badminton Team	2009 - 2012

COMMUNITY INVOLVEMENT

Owen Wright Memorial Fastball Volunteer	2012 - 2014
Engineering Shadow Day	2013
Western Leadership Conference	2012
Shinerama Volunteer	2012
W.O.A.A. Minor Hockey Trainer	2009 - 2012

AWARDS AND ACCOMPLISHMENTS

Walker Woods Foundation Continuing Scholarship	2012 - 2014
Various Fastball Titles (Including U21 Canadian Champions)	2002 - 2014
Claude Deschamps Softball Canada	2013
Ethel Boyce Achievement Award	2012
Ontario Amateur Softball Award	2012
Ontario Hockey Federation Award	2012
Burnside Engineering Award	2012
Bruce Power Scholarship	2012
Drayton Theatre Sports and Scholarship Award	2012
Western Entrance Award of Distinction	2012
Computer Science Proficiency Award	2011