

# Tom G. Fischer

RR#2 Teeswater, ON NOG 2S0

Phone: 519-357-8741 | Email: [tgfischer6@gmail.com](mailto:tgfischer6@gmail.com)

Website: <http://www.tomfischer.ca>

## EDUCATION

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*Western University*

*September 2012 - Present*

*Faculty of Engineering Science*

*Majoring in Software Engineering*

*Dean's Honor Roll, 2012 - 2015*

## WORK EXPERIENCE

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### **BPM Software Developer Intern**

*IBM – Markham, ON*

*May 2015 – August 2016*

- Developed new features using Java and JavaScript/Dojo
- Helped improve product by detecting and fixing defects
- Tested various BPM components using the Selenium automated testing framework
- Followed the Scrum software development lifecycle for product development

### **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

## NOTABLE PROJECTS

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### **Resume Funnel**

*IBM – Tech Challenge*

*Summer 2015*

- Built a web application for employers to post job ads, and candidates could upload their resume to apply for the position
- Developed using NodeJS, Mongoose, PassportJS, Bluemix, and Watson Alchemy API

### **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

### **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

*References available upon request*

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## TECHNICAL KNOWLEDGE

<i>C#</i>	<i>HTML</i>	<i>SQL</i>
<i>C++</i>	<i>CSS</i>	<i>UML</i>
<i>Java</i>	<i>JavaScript/jQuery</i>	<i>Selenium</i>
<i>REST API</i>	<i>Dojo</i>	<i>NodeJS/Express</i>

## ACTIVITIES

<i>Fastball (W.O.A.A./O.A.S.A/H.C.F.L.)</i>	1998 - Present
<i>IBM Recreational Sports</i>	2015 - Present
<i>Western University Recreational Sports</i>	2012 - 2015
<i>O.A.S.A. Skills Development Camps/Team Ontario Fastball Tryouts</i>	2009 - 2013
<i>W.O.A.A. Softball Umpire</i>	2006 - 2013
<i>W.O.A.A. Minor Hockey</i>	1998 - 2012
<i>F.E. Madill Secondary School Swim Team</i>	2008 - 2012
<i>F.E. Madill Secondary School Badminton Team</i>	2009 - 2012

## COMMUNITY INVOLVEMENT

<i>Owen Wright Memorial Fastball Volunteer</i>	2012 - 2015
<i>Engineering Shadow Day</i>	2013
<i>Western Leadership Conference</i>	2012
<i>Shinerama Volunteer</i>	2012
<i>W.O.A.A. Minor Hockey Trainer</i>	2009 - 2012

## AWARDS AND ACCOMPLISHMENTS

<i>Walker Woods Foundation Continuing Scholarship</i>	2012 - 2015
<i>Various Fastball Titles (Including U21 Canadian Champions)</i>	2002 - 2014
<i>Claude Deschamps Softball Canada</i>	2013
<i>Ethel Boyce Achievement Award</i>	2012
<i>Ontario Amateur Softball Award</i>	2012
<i>Ontario Hockey Federation Award</i>	2012
<i>Burnside Engineering Award</i>	2012
<i>Bruce Power Scholarship</i>	2012
<i>Drayton Theatre Sports and Scholarship Award</i>	2012
<i>Western Entrance Award of Distinction</i>	2012
<i>Computer Science Proficiency Award</i>	2011

*References available upon request*