# Matthew Randell

547 Belmont Avenue West • Kitchener, Ontario, Canada • N2M 5G9
905-546-6191 • randellma@gmail.com • www.mattrandell.com

## Summary of Qualifications

- Two years of experience developing customized web applications and back end systems at Brock Solutions since earning a Bachelor of Software Engineering degree.
- Practical experience with C#, Java, PHP, Javascript, HTML, CSS and always looking to expand my knowledge of other technologies.
- Comfortable with interacting closely with clients to collect requirements and feedback.
- Passionate about creating software experiences and solutions that exceed the expectations of the core function.

## Work Experience

### Brock Solutions

May 2011 - September 2011
May 2012 - Present

#### Software Developer

- Design and develop custom web applications for automated manufacturing conveyance and production systems.
- Leverage C# .Net, Sql Server, and third party tools to develop a central web application that is used to schedule orders, track hundreds of operations per minute, and drive automated equipment for six large remote manufacturing facilities.
- Work closely with clients to demonstrate functionality, collect feedback, and discuss user needs.
- Responsible for providing support for live software across multiple client sites.

### IBM Canada

June 2010 - January 2011

#### Associate Automation Developer

- Worked in a multi-disciplinary team to provide quality assurance support for the Change Data Capture product. A database replication utility.
- Used critical thinking to track down, report issues, and oversee completion.
- Effectively managed time by creating detailed testing plans and outlines which helped in always meeting tight deadlines.
- Gained experience in automated software testing through the use of regression analysis tools and developing many automated test cases.

### Carillion Canada

April - September of 2008 and 2009
April 2010 - June 2010

#### IT Support Technician

- Worked independently and in a team of five to provide technical support to a Microsoft Windows server and desktop environments.
- Gained knowledge of scripting and automation from being tasked with creating scripts to automate IT tasks and increase productivity.

# Education

**Software Engineering and Game Design**
- Taught the fundamentals of engineering and how it relates to design, implementation, and ongoing maintenance of software systems.
- Placed on the Deans List for academic excellence.
- Followed a detailed design process in a team of four to create a functioning real time strategy game as a capstone project. Our game claimed first place out of the five competing submissions.
- Implementation and testing leader in a team of five; creating a fully functioning peer to peer chat program with integrated mathematical solving capabilities written in Java.

# Personal Projects

**Readsy**
- A custom Google Chrome extension that allows the user to speed read any block of text by double clicking it. The custom interface helps eliminate subvocalization of the words by the reader.
- Greatly improved upon the user experience of a speed reading extensions compared to existing alternatives.
- Published in the Chrome Web Store and available to download now.
- Written using Javascript, HTML, and CSS.

**HashTracker**
- A tool to easily track time using a natural language interface through the use of hashtags and other special character tags to categorize the tasks for later analytics.
- The data collected can be used to analyze any number of custom metrics over any given time frame.
- Written using PHP, MySQL, HTML, and CSS.

**Giftology**
- A tool for generating gift exchange pairings with the ability to set restrictions on the matches.
- Written using PHP, MySQL, HTML and CSS.

# Technologies

- Experienced using Visual Studio, C# .Net PHP, SQL, Javascript, HTML, CSS, Java.
- Familiar with, Python, OCaml, C++, C
- Learning Ruby on Rails, Node.JS, and CakePHP
- Comfortable in a Mac, Windows, and Linux environments.

# Hobbies

- **Bicycling** - Displayed commitment to my goals by cycling 100 miles (161km) in 6.5 hours.
- **Powerlifting** - Use intermediate goals as a tool to reach my larger ones.
- **Photography** - Demonstrate eagerness to learn through self teaching the basics of photography.