# Matthew Phillips
mephillips@gmail.com
416-528-0552

## COMPUTER SKILLS

- *Programming and Scripting:* Java, C#, C++, Obective-C, C, Perl, Bash, Ruby, Python
- *Web Development***:** HTML 5, CSS, JavaScript, PHP, Tomcat, MySQL, Hibernate
- *XML***:** XSD, XSLT, XPATH
- *Build Systems***:** Nant, Ant, Maven, CruiseControl
- At home in Unix environments. Primary experience with Debian and Ubuntu.
- Understanding of how to build robust, maintainable and scalable systems.

## ACHIEVEMENTS

- Winner of first prize for 4th year Computer Graphics Project (Summer 2005).
- Achieved outstanding evaluation for 5 of 6 co-op work terms.

## EDUCATION

- Honours Bachelor of Mathematics, Computer Science, University of Waterloo, Waterloo, Ontario. Graduated August 2006.
- Ontario Secondary School Diploma, Medway High School, Arva, Ontario. Graduated June 2001.

## WORK EXPERIENCE

Locationary Inc, Senior Software Engineer May 2011 - Present
- Built generic system for importing data in a wide variety of formats.
- Implemented database sharding using hibernate shards to improve system scalability.
- Overhauled platform start-up and configuration system, simplifying production deployment process and making it easier to deploy generic nodes into EC2 environment.
- Managed company's weekly release schedule, coordinating with development team, QA team, product manager and operations team.
- Overhauled company's build and release practices: introduced CruiseControl, switched from CVS to Git, implemented branching strategy, wrote scripts to enforce commit best practices, enforced development of unit tests.

GWN Software, Senior Software Engineer June 2010 - May 2011
- Maintained mostfun.com, neoedge.com and bluenoodle.com websites. (C#/ASP.NET/JavaScript)
- Participated in the design and development of a generic, scalable, social gaming backend. (C#/WCF)
- Work with all aspects of the construction of games and applications for Facebook. (C#/WFC/Soap/Flash/JavaScript)
- Lead developer in charge of ad network infrastructure. (JavaScript/Flash)

Wattpad Inc, iPhone Contractor, November 2009 - May 2010
- Implemented bug fixes and new features for Wattpad iPhone app. (Objective-C)
- Prepared Wattpad app for iPad release. (Objective-C)
- Worked as sole developer, building three major releases. (Objective-C)

GWN Software, Software Engineer, February 2008 - May 2010
- Bug fixes and features for the NeoEdge Installer. Including update feature. (C++)
- Solidified integration test and build structure for the installer. (C++/Nant/Ruby)
- Bug fixes and feature for installer packager server, brought unit test coverage to 90%. (C#)
- Wrote server for ad policy files with complete test coverage. (C#)
- Instrumental in integrating Google services with in-game experience. Including custom Google Talk widget. (JavaScript/CSS/XHTML/C++)
- Integrated Facebook services with in game functionality. (Javascript/CSS/XHTML/C++)
- Participated in co-op interviews and mentoring of co-op students.

Blast Radius, Java Developer,  June 2007 - February 2008

- Documented XSLT based Lyris integration system and implemented new solution using Apache CXF. (XSD/XSLT/XPATH/Java)
- Bug fixes and improvements for Compel, a Java based CMS. (Java/Tomcat/Spring/Hibernate/MySQL)
- Integrated projects with the Maven 2 build system and CruiseControl continuous integration server.
- Interviewed and trained co-op students.

Tira Wireless, Java Developer, Sep 2006 – June 2007
- Used Tira's Jump platform to port Java applications to a wide range of mobile devices.
- Solved porting issues including: display size, memory limitations, threading problems and size limitations.
- Demonstrated ability to rapidly understand and manipulate Java code.
- Achieved status of project lead for several projects.
- Designed and implemented an api for manipulating Java code using the Eclipse AST.
- Played a crucial role in the development of the newest release of Tira's Jump platform, an Eclipse plugin.