

# Mallika Trivedi

2B Software Engineering

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## SKILLS SUMMARY

- Strong knowledge of programming concepts and their applications in Java established through academic study and work experience
- Thorough understanding of developing Android applications and knowledge of the Android SDK demonstrated by recent internship
- Self-driven to learn about web technologies as seen by personal projects
- Exceptional leadership and communication skills developed through multiple extra-curricular activities

## TECHNICAL SKILLS

**Programming Skills:** Java, C++, C, Visual Basic 6.0, HTML Familiar with: C#, CSS, JavaScript, SQL

**Operating Systems:** Windows 7, Windows 8, Android, Mac OS X

**Web development:** ASP.NET and IIS

**Databases:** Microsoft SQL Server

**IDEs:** Eclipse, Visual Studio, Android Studio

**Version Control:** Git, Sourcetree

## WORK EXPERIENCE

### Software Developer, Desire2Learn Incorporated

January 2014-April 2014

- Implemented various features for the Desire2Learn Binder Application on the Android Platform.
- Improved existing code while gaining knowledge about core Java concepts and software design patterns.
- Hacked a Chemistry Creator Game in a team of 3 using Unity3D and C# for the Desire2Learn Game Challenge.

### Quality Assurance Developer, Desire2Learn Incorporated

May 2013-August 2013

- Wrote automation test scripts in C# using a framework built on top of the Selenium Webdriver
- Used NUnit for testing and improved test coverage by over 50%
- Contributed to a company-wide hackathon while learning web development skills such as: HTML5 and CSS3

## PROJECTS (a few of these can be viewed at <https://github.com/mallikatrivedi>)

### Issue Tracking Tool, Web Application, Personal Project

December 2013- Present

- Designed, developed and debugged a web application for managing contacts and calendar using ASP.NET controls and Microsoft SQL Server 2008 as the database.
- Self-taught ASP.NET platform, SQL and C#.
- Created client side validations in Javascript and wrote code behind in C# using Visual Studio 2010.

### WeLoveBrinda, Android Application, Personal Project

May 2014- Present

- Single-handedly designed and developed a customized android application as a birthday present for a friend.
- Coded friend quizzes and a memory game within a day and currently working on a car racing game.

## ACTIVITIES AND INTERESTS

### Google Developer Groups (GDG) Waterloo Organizer

October 2013-Present

- Organized events in the area for people interested in learning about Google Technologies
- Represented GDG Waterloo at the GDG North America Summit in Mountain View in March 2014

### Women Who Code Waterloo Organizer

February 2014-Present

- Planned various tech events to help promote women in the computer science field

### GO Girls! Mentor (Healthy living), Big Brothers and Big Sisters Organization

September 2013-Present

## EDUCATION AND AWARDS

### Bachelor of Software Engineering, University of Waterloo

September 2012-April 2017

- Additional option in Management Sciences

### Microsoft Women in Technology Award

University of Waterloo, Sep. 2012

- Awarded to an outstanding female student entering a technical field

