Mallika Trivedi

2B Software Engineering
Management Sciences Option

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mallikatrivedi.com

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 (D2L) 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 D2L Game Challenge.
- Took a keen interest in the overall product life cycle as recognized by the Product Manager.

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: HTML 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 and have several plans to extend the application further.

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

Candidate for Bachelor of Software Engineering, University of Waterloo   September 2012-April 2017

- o Additional option in Management Sciences

Microsoft Women in Technology Award   University of Waterloo

- o Awarded to an outstanding female student entering a technical field