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++, Visual Basic 6.0, HTML Familiar with: C#, CSS, JavaScript, SQL

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

Web development: ASP.NET and IIS

Databases: Microsoft SQL Server

IDEs: Eclipse, Visual Studio, Android Studio

Version Control: Git

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 (source code for some of these projects at https://github.com/mallikatrivedi)

Issue Tracking Tool, Web Application - Independent Project   December 2013- Present
- Designed, developed and debugged an ASP.NET web application using C# and Visual Studio 2010 for managing issues for different types of users — support representatives, administrators and end users
- Implemented a Windows Service to handle priority escalation of issues and an auto-emailing feature
- Designed and developed the data layer in SQL Server 2008 using Stored Procedures for data access

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