

ARPIT H. AGARWAL

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OBJECTIVE	To obtain a Co-op/Internship position as a software developer that can utilize my programming skills and previous work experience in automation testing.	
EDUCATION	THE UNIVERSITY OF TEXAS AT DALLAS, Richardson, Texas	December 2011
	Master of Science in Computer Science	GPA: 3.4/4
	COURSES: Design and analysis of algorithms, Computer graphics, Computer animation Advanced computer networks, Advanced programming languages, Database design, Advanced Operating systems, Object oriented analysis and design.	
	MUMBAI UNIVERSITY, INDIA	August 2009
	Bachelor of Engineering in Computer Engineering,	
SKILLS	Programming languages: C, C++, Java. Frameworks: J2SE, J2ME, OpenGL. Scripting languages: Perl, VBScript. Web Technologies: HTML, XML, JavaScript, CSS. Database Technologies: SQL, MS SQL Server 2008, MS Access. Testing tools: Quick Test Professional, Winrunner. Tools and IDE's: Eclipse, Netbeans, Visual Studio 2008, Dreamweaver. Networking protocols: TCP, IP, DNS, DHCP, HTTP, HTTPS, UDP. Operating systems: Windows, Linux, Unix.	
EXPERIENCE	Interoperate, Inc. Dallas, TX	February 2011-Current
	Software test script developer	
	<ul style="list-style-type: none">• Worked on the development of library functions for WR2QTP, a tool to migrate code from Winrunner to HP QTP.• Developed new testing scripts and validated scripts generated by WR2QTP.• Managed, planned and worked on the project from Siemens medical solutions.	
	Technologies used: QTP, VBScript, Winrunner.	
	McDermott library, UTD, TX	April 2010 – January 2011
	Library web and Technology services assistant	
	<ul style="list-style-type: none">• Worked on enhancing the user experience and site navigation of University's library website.• Designed and implemented the library wiki for staff use.	
	Technologies used: JavaScript, HTML, CSS, IIS, Windows Server.	
ACADEMIC PROJECTS	Mutual exclusion and checkpoint algorithms: Implemented Lamport's mutual exclusion algorithm and "Koo and Touegs" algorithm in C language. (<i>Keywords: C, socket programming, Multi-threading</i>) OpenGL renderer: Developed a program to render polygon meshes, perform shading and define a camera object to provide rotation and translation. (<i>Keywords: C++, OpenGL</i>) Character Animation: Developed a program that loads a given skeleton file, displays it in 3D, Attach the skin from the corresponding skin file and perform key frame animation using the corresponding animation file. (<i>Keywords: C++, OpenGL</i>)	

Mobile College notice board App: Designed and implemented a J2ME application to assist college students by providing them access to useful information like class schedules, faculty information etc. on their Bluetooth enabled mobile device. *(Keywords: J2ME, J2SE, multi-threading, socket programming).*

P2P based file sharing Application: Designed and implemented a P2P based file sharing application in C language. *(Keywords: C, thread programming, socket programming).*

Oil Transaction System: Worked on a project titled 'Oil transaction System' based on relational DBMS and JDBC which allows traders to manage oil transactions (buy/sell) from Clients. *(Keywords: SQL, J2SE, SQL server 2008, Netbeans, Java swing).*

HOBBY PROJECT Developed a car rental billing application in C++ with features to generate monthly reports and employee database.

STATUS F-1

AVAILABILITY August 25th, 2011