

# Computer Science Student

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**OBJECTIVE:** Seeking a Co-op position to further my knowledge of software development and to apply my knowledge of DB2, SQL/XML, Web Services, web server setup, and testing cycle through testing automation for application development.

**EDUCATION:** **Southern Methodist University** Dallas, TX  
Bobby B. Lyle School of Engineering Grad date: May 20xx  
Bachelor of Science in Computer Science GPA 3.14/4.00

## **TECHNICAL EXPERTISE:**

**Programming languages:** Java, JDBC; C/C++; C#; XML; SQL; DB2 Stored Procedures; HTML; JavaScript; PHP; Objective-C; Perl; Python; Ruby; Scheme; Assembler

**Operating Systems:** Windows 7, XP; Linux; UNIX; AIX

**Application Environments:** Eclipse environment; Apache; IBM WebSphere Studio Application Developer; Microsoft Visual Basic 6.0, Visual C++; IBM Rational ClearCase; IBM Rational Functional Tester (RFT); IBM Rational Application Developer

**Database Environments:** IBM DB2 UDB V9; MySQL

**Web Design Applications:** DOJO Toolkit; TWiki; Rational Application Developer

**Software Applications:** Microsoft Word, Excel, Access, PowerPoint, Outlook; WordPerfect; Lotus Notes; FTP; Hummingbird Exceed; Emacs; IBM Virtual Machines (VM's); SameTime

**OTHER SKILLS:** Object Oriented Programming; Software Engineering; Database Management and Security; GUI of application testing through automation using RFT

**RELEVANT COURSES:** Digital Systems Design, Graphical User Interface, 3D Animation, Computer Networking, Computer Networking II, Operating Systems, Software Requirements

## **EXPERIENCE:**

- IBM, Co-op, Dallas, TX** 07/20xx - Present
- Point person for the development of the graphical user interface of a web application to will allow web operators to issue commands to manage resources in a mainframe environment and display XML output dynamically rendered with XSLT (Work in progress)
- IBM, Co-op, Austin, TX** 04/20xx - 07/20xx
- Lead contact for the testing of IBM's Information Management System (IMS) software for versions 7, 8, 9, and future release
  - Aided with the testing of IMS Connect versions 2.1, 2.2, 9.1, and future release
  - Utilized RFT to automate the testing phase of a new Graphical User Interface (GUI) based tool to be used with Eclipse and IMS
- IBM, Co-op, Austin, TX** 06/20xx - 01/20xx
- Developed and compared DB2 Web Services using Rational Application Developer and Web Services Object Runtime Framework
  - Created a small Java application to utilize an XML document to pass/execute DB2 Native XML XQueries to ease the development of Web Services where DB2 acts as the web service provider
  - Configured and administered a TWiki departmental website running on Linux SUSE 9.0

**AWARDS:** President's Scholar Engineering Fellows Scholar  
SMU Distinguished Scholar SMU Mustang Scholars