Taylor K. Spencer

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Objective

I am a recent graduate from the University of North Texas seeking an internship or employment in the fields of information technology and quality assurance testing.

Education University of North Texas, Denton, TX

2011 - 2015

Bachelor of Arts

Information Technology/Technical Writing

3.31 GPA/3.56 Major GPA

North Lake College, Irving, TX 2008 - 2011

Associate in Science Foundation Courses

Flower Mound High School, Flower Mound, TX

2004 - 2008

High School

Certifications

Sun Certified Associate for the Java Platform, Standard Edition

August 24, 2007

Operating Systems Used

- Ubuntu Linux (9.04 to 14.04)
- Windows (95 to 8)

Android

BlackBerry OS

Programming Languages Known

• C

Java

C#

x86 Assembly (DOS/Windows)

• C++

- HTML
- CSS

JavaScript

PHP

Visual Basic

Programs Written

Networks

January 29, 2015

Networks is a Java program that maps the cellular and Wi-Fi networks around you (using OpenStreetMaps), and highlights the ones you are connected to. In debugging Networks, I made use of the Android LocationManager and LocationListener classes. I also set up and debugged a SQLite database for storage of the information collected by Networks.

Login Assistant

December 5, 2011

Login Assistant is a Java program to automatically log an Android phone into a password-protected (not encrypted) Wi-Fi network. In debugging Login Assistant, I debugged JavaScript in the Android WebView (since I didn't want to pack in my own rendering engine for this application), debugged a hidden activity for this WebView, and debugged several Listeners to log the user in to the Wi-Fi network when they connected to it. Also, I debugged the storage of login information given by the user, first in a plain text database, and then in an SQLite database, which meant debugging code to migrate user's login information from the old, legacy database, to the new SQLite database.

In addition to these, I have written countless other programs. Please look on my ePortfolio for a complete list.