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CS 4600

Research Document

Android Programming: The Big Nerd Ranch Guide

This book helped me a lot while starting out. I followed a long with a few of the early walkthroughs they have to build some of my first apps. It also really helped me get a handle on how views and layouts work.

Android Developers Site

This was a great resource. It helped me while I was getting started with some openGL ES starter code. It showed me the built in classes and functions commonly used in android app development. A lot of the time it showed examples of code to solve specific problems.

http://developer.android.com/

Stack overflow

Since I had a lot of problems stack overflow was a big help. True it sometimes took a lot of searching or I had to use advice there and change it slightly. I don't know if I can list all of the articles that have helped me since there were a lot of them. It also doesn't help that I didn't keep track. I will list some of the more important ones I used.

http://stackoverflow.com/questions/20680838/android-dynamic-layout

http://stackoverflow.com/questions/4865244/android-using-findviewbyid-with-a-string-in-a-loop

http://stackoverflow.com/questions/15329218/android-opengles-2-0-texture-mapping-does-not-work

http://stackoverflow.com/questions/20855950/opengl-2-0-es-android-draw-rectangle

OpenGL ES

When I was doing openGL ES I used a lot of online resources that were mostly tutorials or walkthroughs. A lot of the time I had problems getting them to work because the turned out to be the wrong version or something like that. Some of the sites I remember using that helped include.

http://developer.android.com/guide/topics/graphics/opengl.html

http://www.learnopengles.com/android-lesson-one-getting-started/

http://www.jayway.com/2013/05/09/opengl-es-2-0-tutorial-for-android-part-i-getting-started/

## **Tomas Gull**

Since he is taking the android application class he turned out to be a big help when trying something new or while debugging. He also pointed out several online resources on line for me that have been very helpful.