CS193P: Preliminary Syllabus

This is the general layout of the course. Any changes to the lectures or assignments will be announced as early as possible in lecture and will also be posted on the web site.

Week 1: 4/1
4/1: Intro to Mac OS X and Cocoa Touch, Objective-C, Dev Tools
Assignment: Hello Stanford and Command Line Tool I (due 4/9)

Week 2: 4/6 & 4/8
4/6: Using Objective-C, Foundation framework
4/8: Custom classes, Memory Management, ObjC Properties
Assignment: Command Line Tool II and HelloPoly I (due 4/14)

Week 3: 4/13 & 4/15
4/13: Interface Builder, Controls, Target-Action
4/15: Views and Drawing, Animations
Assignment: HelloPoly II (due 4/21)

Week 4: 4/20 & 4/22
4/20: View Controllers Basics
4/22: Navigation Controllers
Assignment: Presence 1 (due 4/28)

Week 5: 4/27 & 4/29
4/27: Table Views
4/29: Dealing with Data: User Defaults, SQLite, Web Services
Assignment: Presence 2 (due 5/5), Final project proposals

Week 6: 5/4 & 5/6
5/4: Threading, Caching and Memory
5/6: Text Input, Responder Chain, Presenting Content Modally
Assignment: Presence 3 (due 5/12)

Week 7: 5/11 & 5/13
5/11: Address Book
5/13: Searching, Notifications
Assignment: Presence 4 (due 5/19)

Week 8: 5/18 & 5/20
5/18: Mulittouch
5/20: Device APIS: Image Picker, Core Location, Accelerometer, Battery Life
Assignment: Final project (due week of 6/8, exact date TBD)

Week 9: 5/27
5/25: Memorial Day Holiday, no classes
5/27: Bonjour, Streams, Networking
Assignment: Final project (due week of 6/8, exact date TBD)

Week 10: 6/1/& 6/3

6/1: Audio, Video, Web Views
6/3: Unit testing, Objective-C fun, Internationalization
Assignment: Final project (due week of 6/8, exact date TBD)