About my qualification

I have experience with Objective-C, C++ and C.

I have been developing for iOS platform since Apple opened iOS API for Objective-C.

My overall experience in software development is more than 4 years.

I'm using Git. Becase it is a distributed revision control system.

I have used in development for iOS following frameworks and technologies:
- UIKit, video and audio frameworks from iOS;
- Multithreading (NSOperations and NSThreads);
- CoreData with SQLite;
- CCLocation framework;
- In-App purchase;
- KissXML framework;
- ASIHTTPRequest framework;
- Route-Me framework;
- GData framework

A [tree](#) is a connected graph with no cycles.

Why I should work in Google?

I'm experienced enough in Objective-C.

I can quickly sort out the problem and solve it. I also can work as a team player as well as single developer.

Development for iOS is not just work for me, it is my hobby and I'm really excited in it.

Why I want to work in Google.

I'm very interested in development for iOS platform and work in Google is a great opportunity to create interesting cutting-edge applications for that platform and to work in a big creative team.

About iOS applications

1. HideMe
Description:
HideMe it is a web browser with built-in proxies. It works through one of several proxy-scripts: cgi-proxy, php-proxy or other those are placed on dedicated server.

Used frameworks and technologies:
I had used UIKit in this project.

2. iWineMaker
<u>Description</u>:
It is a collection of various calculators for wine makers. I designed user interface for application and implemented algorithms that was provided by my client.

<u>Used frameworks and technologies</u>:
I used UIKit.

3. CouponMeUp
<u>Description</u>:
CouponMeUp is a Simple applcation that shows information from RSS feed. It takes information from rss feed on site, then apptication parses data with xml parser. For this I had used KissXML framework.

<u>Used frameworks and technologies</u>:
UIKit, Foundation, KissXML

4. Avaya Knowledge Application (for internal usage)
<u>Description</u>:
Application provides information about Avaya's services. Users can recieve information from Avaya as text, video or pdf file. Users can also get news or list of future events. In offline mode users can look through saved early files and articles.

<u>Used frameworks and technologies</u>:
I had used UIKit, Foundation, framework for video playback, KissXML, ASIHTTPRequest in this project.

5. Client for Pledgemusic.com
<u>Description</u>:
It is a client for pledgemusic.com for artists and producers. Application allows user look through his information on site, add new entries on site, capture video/photo/audio and upload video to YouTube channel.

<u>Used frameworks and technologies</u>:
I had used framework for video playback, UIKit, Foundation, CoreData, KissXML, ASIHTTPRequest, GData, JSON frameworks for this application.

6. BeatSequencer Boombap Drum
<u>Description</u>:
I have completed several tasks (таскс) to help main developer:
1) I have implemented mechanism [мЭканисм] to work with project file and archive [а-кайв] or unarchive [Ан-а-кайв] it;
2) I have created specific view that are based on scroll view for differents kinds of controls.

<u>Used frameworks and technologies</u>:
I have used UIKit, Foundation

7. Vipassana
<u>Description</u>:

Vipassana is collection of timers for meditaion. My task was to add several animations when user changes timer type.

Used frameworks and technologies:
I have used CoreGraphics.

8. GPS Speed

Description:
My task was to create view with speedometer and compass with animations.

Used frameworks and technologies:
I have used CoreGraphics

About Mac OS X [Mac Oh-Es Ten] applications

1. DashApps CSV2SQL

Description:
This application converts CSV file to SQL dump file. Application reads information from input file and puts together SQL commands with input data.

Used frameworks and technologies:
I have used Cocoa [кOy коу] and Foundation framework.

2. DashApps CSV2HTML [си эс ви]

Description:
It converts CSV file to simple HTML table. Application reads information from input file and inserts data to HTML template.

Used frameworks and technologies:
I have used Cocoa [кOy коу] and Foundation framework.

Questions

1. Q. Difference between NSArray and NSSet?
   A. Arrays are ordered collections of any sort of objects. A set is an unordered collection of objects. You can use sets as an alternative to arrays when the order of elements isn't important and performance of testing whether an object is in the set is important. Even though arrays are ordered, testing them for membership is slower than testing sets.

2. Q. Difference between NSArray and NSDictionary?
   A. Arrays are ordered collections of any sort of objects. Dictionaries manage pairs of keys and values. A key-value pair within a dictionary is called an entry. Each entry consists of one object that represents the key, and a second object which is that key's value.

3. Q. Difference between NSArray/NSDictionary/NSSet and NSMutableArray/ NSMutableDictionary/NSMutableSet?

A. Mutable collections also allow some additional tasks:
• Adding objects to a collection
• Removing objects from a collection