

## Qin Wang

<http://tsinwang.github.io>

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### Skills

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**Languages:** Java (Proficient), C++, Objective-C, C, HTML, JavaScript, SQL

**IDE:** Eclipse, Xcode, Visual Studio

**Environments:** Mac OS X, Windows, Linux

### Education Background

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**Illinois Institute of Technology (Chicago, IL)**

Jan. 2014 ~ Present

- Master of Science in Computer Science
- GPA 3.60 / 4.00

**China University of Geosciences in Beijing (Beijing, China)**

Sep. 2009 ~ Jul. 2013

- Bachelor in Computer Science

### Relevant Courses

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· Mobile Application Development Android

· Software Testing and Analysis

· Advanced Database Organization

· Design and Analysis of Algorithms

· Data Mining

### College Projects`

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**Database Structure Development (Chicago, IL)**

Feb. 2015 ~ May. 2015

**Used Language: C**

- Implemented a database with 3 major components of Storage Manager, Suffer Manager, Record Manager

- Development a storage manager that allows to read/write of blocks to/from a file on disk
- Implement buffer controller that manages buffer of blocks in memory including reading/flushing to disk and block replacement (flushing blocks to disk to make space for reading new blocks from disk)
- Designed and constructed record manager that allows navigation through records, inserting and deleting records

**Proximity Control Application (Chicago, IL)**

Mar. 2014 ~ May. 2014

**Used Languages: Java, XML**

- Developed an android application that through detecting user's motion (used proximity sensor) then execute relative functions

- Implemented a function that able to detect user's gesture included wave, hold, wave times, hold times
- Implemented relative functions, like: play music, Accept call, launch App and etc.
- Designed and constructed the UI that allowed user easily setting the relationship between gestures and functions

## **Work Experience**

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**Software Engineering Internship (Guangxi, China)**

Aug. 2013 ~ Nov. 2013

**Used languages: Java, SQL**

**Responsibility:**

- Maintained the network accounting system and refactored part of the functions to make the system run efficiently and correctly
- Used SQL to check if the data in database is matched the data collected from branch office