

# Fengxiang Li (Objective: Summer Software Engineer Intern in 2017)

E-mail:h18811465446@gmail.com 2062356460 Seattle, WA

## EDUCATION

---

**Northeastern University in Seattle** 09/2016 – 05/2018 (expected) Seattle, USA

*Master Degree in Computer Science*

Related Courses: Program Design Paradigms, Advanced Algorithms, Artificial Intelligence, Web Design, Computer Architecture

**Peking University** 09/2012 – 07/2016 Peking, China

*Bachelor Degree in Geographical Information System, Peking University*

GPA:3.5/4.00 RANK: 10/24

*Minor Degree in Computer Science, Peking University*

GPA:3.6/4.00 RANK: 12/48

Related Courses: Introduction to Computation, Operating System Principle, C++ Programming Language, Database System Algorithm and Data Structures and Computer Operation, Introduction to Computer Graphics, JAVA Programming, Software Engineering, WebGIS Network, Parallel Programming and Distributed Computing

## EXPERIENCE

---

**SOHU Inc. Online Education App for children -- iOS Developer Intern** 11/2015 -04/2016 Peking, China

- Implemented iPhone App function like user login, profile setting, textbook downloading, recording video in both teacher and student version based on Objective-C Language and Cocoa framework
- Provided different layouts to support different screen sizes in different mobile device including iPad, iPhone
- Collaborated with Product Manager, Operations and iOS server developer to update our app

**Peking University. Library Management System -- Database Course Project** 05/2016-07/2016 Peking, China

- Set up a Library Management System for both users and administrators with SpringMVC Framework, Bootstrap, JQuery and MySQL Database, Apache Server
- Implemented the java application using Object Oriented Design with Singleton Pattern, debugged and tested the application using JUnit4
- Built the front-end pages using JSP and beautified the web with animation using Javascript and CSS
- Offered basic network security function to prevent SQL Injection preventing illegally logging in and visiting sources using Spring Frameworks Interceptor function

**University of Illinois at Chicago. Data Mining Research Intern** 07/2015-09/2015 Chicago, USA

- Utilized 2013 whole years Traffic and tweet data in Chicago to establish Coupled Hidden Markov model to estimate the traffic condition using python
- Simplified spatial calculation using R-Tree to reduce the searching and deleting complexity
- Finished paper and published in book “Machine Learning and Knowledge Discovery in Databases”

**Peking University. iOS Lost and Found App -- iOS course project** 05/2015 - 07/2015 Peking, China

- Implemented a lost-found app with basic function like upload pictures, post information of lost things
- Used the latest Swift language and the Swift Alamofire networking package
- Utilized the BAIDU APIs and SDK to locate the position of lost things

**Peking University. Othello Game:(with AI) – java course project** 05/2015 - 07/2015 Peking, China

- Implemented a multiplayer computer game with delicate user interface and music using the Swing graphical user interface widget toolkit and the Abstract Window Toolkit
- Use a game tree to search and determine the AI's action with Maximin Algorithms
- Use an evaluation function that combines two paradigms: Disk-square tables and Mobility-based

## TECHNICAL KNOWLEDGE

---

**Programming:** Java • Python • C • C++ • Objective-C • Swift

**Web Development:** Bootstrap • SpringMVC • JQuery • IIS • JavaScript

**Operating Systems:** Mac OS X • Ubuntu Linux • Windows 7 • iOS • Android

**Database:** Mysql • SQL Server • Mongo DB

**Software IDE:** Xcode • IntelliJ Idea • Visual Studio