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

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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