Ou Bai

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Address: 45 Sachem Circle, West Lebanon, NH, 03784
Objective: Fulltime Software Engineer

EDUCATION

Dartmouth College, Hanover, NH   Sept. 2015 – June. 2017
- M.S. in Computer Science, 3/8 High Pass
- Courses: Android Programming, Machine Learning, Computer Vision, Algorithms, etc.

Beijing Univ. of Posts and Telecom., Beijing, China   Sept. 2012 – Apr. 2015
- M.S. in Electrical Engineering, GPA: 3.5/4.0, Apr. 2015
- Published 4 international conference papers

Beijing Univ. of Posts and Telecom., Beijing, China   Sept. 2008 – June. 2012
- B.S. in Electrical Engineering, GPA: 3.53/4.0, June. 2012
- Courses: Data Structures, Computer Networks, Databases, etc.

PROJECTS

Before Spoiled: Android Application   Apr. 2016 – June. 2016
- A course project of smartphone programming. Designed the Shopping List function of the application;
- Used two input methods (keyboard, voice) to add new shopping items, implemented adding templates to shopping list, and used third-party package to beautify the application;
- Responsible for testing new features, debugging, and maintaining version control

Home Depot Product Search Relevance: Kaggle Competition   Jan. 2016 – Mar.2016
- A course project of machine learning that predicts a relevance score between terms and products;
- Used Random Forest and cross validation, each with TFIDF and SVD to predict result;
- Achieved top 12% in the leaderboard

IM Desktop Client   June. 2016 – Aug. 2016
- A self-project that realized the communication between multiple users as a Line application in Java;
- Used Swing to design the basic login, friend-list, and chat interface;
- Utilized Object Stream and Socket to implement chatting for one-to-one users, and furthermore accomplished chatting for multiple one-to-one users using HashMap

Battle City   June. 2016 – Aug. 2016
- A self-project that implemented the logic of the battle city game, used Swing to design the UI;
- Tanks and bullets were implemented as threads to operate independently and attack reasonably;
- Used Java I/O stream to record the movement of tanks and bullets to be saved in a file and resumed

INTERNSHIP

IT Intern, Youku Inc., Beijing, China   Mar. 2015 – July. 2015
- Implemented a management information system that contains the necessary information of the employees and the inventory;
- Used SQL Server to store the information and utilized jdbc to connect the server.

PERSONAL SKILLS

Language: familiar with Java, Matlab, C; experienced with: JavaScript, C#, Python, html, CSS