Jianan Zhou

ABOUT ME

Name: Jianan Zhou
Gender: Male
Date of Birth: 04/17/1997
Place of Birth: Shenyang, Liaoning Province, China
Home Address: No.2 Xingye Road, Shenyang, Liaoning, China, 110023
Home Phone: 02425845406
Mobile Phone: 8613504019086
E-mail: royal_skye@outlook.com

EDUCATION

Northeastern University (China)   September 2015 - June 2019
Degree: Bachelor of Engineering, *Expected June 2019*
Major: Software Engineering
Major GPA: 3.8/5 (88/100)   Cumulative GPA: 3.58/5 (85.8/100)   Rank: 39/256 (Top 15%)
TOEFL: 104   GRE: 319+3.5

INTERNSHIP EXPERIENCE

Java Web Intern - **Neusoft Corporation**   June 2018 - August 2018
· Location: No.2 Xinxiu Street, Hunnan District, Shenyang, Liaoning, China, 110179
· Co-developed an education system, intended to provide efficient management for both educational institutions and consumers.
· Responsible for the design of system architecture, most of the coding using Java, and deployment on Aliyun application servers.

PROJECTS

Intern Project, Team Leader - **Educational System**   June 2018 - August 2018
· Utilized SSM and React frameworks to decouple development of system, along with JQuery-Ajax to implement interactions between front and back-end system.
· Improved server performance by using Redis and Nginx - load balance, separate static resources and reverse proxy.

Coursework Project - **Algorithms**   March 2018 - April 2018
· Solved Eight Puzzle Problem using eight methods and found an optimal solution: developed solution using C++ and used heuristic algorithm as A*, Manhattan distance as h(n) and Cantor expansion as hash value.
· Created an animation to show every step of the optimal solution with QT, and extended the solution to a web service.
· Implemented approximation of functions with a convolutional BP neural network.

Coursework Project - **Game Development In Linux**   November 2017 - December 2017
· Developed a multiplayer online game with C in Linux: *LangRenSha* - achieved the highest score in the course *Linux Operating System*.
· Used thread callback functions and Socket to achieve asynchronous non-blocking I/O and communications between servers and clients.

Practice or Coursework Project - **Other Projects**   2016 - 2017
· Java Framework and Component Techniques: Team leader for project where we co-developed a social media system using SSH frameworks.
· Course Design for Data Structure: Developed a scenic spot management system, and reduced time complexity by exerting knowledge of data structures, including choosing the sort algorithm, Dijkstra algorithm, Prim algorithm and solutions to Hamiltonian path.
· JSP and Servlet Techniques: Co-developed company internal OA & portal system based on JSP and Servlet, and used design pattern to facilitate reuse of code.
· Practice for Network Application: Implemented network communication by FTP and HTTP, and developed an online chat room using Socket.

HONORS AND AWARDS

The third Prize in "LanQiao Cup" Collegiate Programming Contest (C/C++)   April 2018
University Scholarship for Grade Top 15%   2017, 2018, 2019