Software Engineer

ZHANG ZEWEI

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Objective

Seeking a full-time position of software engineer that utilizes my technical skills, education, work experience and passion for solving interesting problems and transforming complexity into simplicity.

Education

STONY BROOK UNIVERSITY - New York - Jul 2016

- Bachelor of Science: Computer Science
- GPA: 3.54/4.0
- DEAN'S LIST: Fall 2012, Spring 2013, Fall 2013, Spring 2014, Fall 2014, Spring 2015

Skills

- Programming Languages: Java, C, HTML&CSS, JavaScript, jQuery, JSP, Python, Perl
- Operating Systems: Mac OS, Windows, Linux
- Database Systems: MySQL

Academic Projects

ONLINE AUCTION HOUSE - CSE305 - Principles of Database Systems - Fall 2015

- Designed and implemented a relational database system to support the operations of an online auction house.
- Used HTML for the user interface, and MySQL for database.
- Achieved connectivity between user interface and database server by using Java, JavaScript and JDBC.

MULTITHREADED CHAT ROOM - CSE320 - System Fundamentals - Fall 2015

- Made a multithreaded chat room with C programming language.
- Allowed users to create chat rooms and supported private chat.
- Implemented secure user login, and connected user account information with database.

JOURNEY THROUGH EUROPE - CSE219 - Computer programming design, coding and testing - Fall 2014

- Completed this project individually within a month.
- Converted a strategy board and card game to a computer game using Java (used JavaFX for making UI).
- Implemented Dijkstra algorithm to make AI and gave players choice to choose their enemy to be either human or AI.

Work Experience

WEB DEVELOPER - Stony Brook University Computer Science Department - Stony Brook, NY - Sep 2015 - Present

- Wrote the programming code (JavaScript, jQuery, HTML&CSS, MySQL), either from scratch or by adapting existing website software and graphics packages to meet work requirements.
- Tested and updated the website and identified any technical problems.

TEACHING ASSISTANT - Stony Brook University - Stony Brook, NY - Jan 2015 - May 2015

- Assisted lead teacher in conducting increased learning experience for students in CSE114 (Introduction to Java).
- Tutored students independently or in small groups during recitation and outside of class.

SPOKEN ENGLISH TEACHER - Global Education & Technology Co.,Ltd. - Bengbu, China - Jun 2014 - Aug 2014

- Taught students one-on-one who were preparing for IELTS test about spoken English by creating lesson plans, lesson handouts, PowerPoints, and quizzes.
- Led adults who want to learn daily expressions for traveling, business or interests by making PowerPoints and simulating one-on-one conversation practices.