

Objective

Seeking position of software engineer that utilizes my technical skills, education and passion for solving problems.

Education

STONY BROOK UNIVERSITY - Stony Brook - New York

- Bachelor of Science: Computer Science, December 2016
- Graduated Cum Laude with a GPA of 3.50 on a 4.0 scale

Skills

- Programming Languages: Java, C, HTML&CSS, JavaScript, jQuery, AngularJS, JSP, PHP, Python, Perl
- Database Systems: MySQL

Academic Projects

NACHOS - CSE306 - Operating System - Fall 2016

- Collaborated with one classmate to implement simplified versions of the main modules of operating system.
- Implemented a working knowledge of the components of operating system, including file system, the I/O subsystem, and the CPU scheduler.
- Practiced the fundamental concepts underlying modern operating system, including virtual memory and multiprogramming.

E-BOOK LENDING SYSTEM - CSE308 - Software Engineering - Spring 2016

- Collaborated with three classmates to design and implement an online library management system which supports 90% of the regular functionality in any common online digital library.
- Used HTML, CSS and JavaScript for the UI, MySQL for the database and Spring framework for the backend support.
- Completed the project within two months including documentation, database design, design review, code review and final presentation.

CHAT ROOM - CSE320 - System Fundamentals - Fall 2015

- Collaborated with one classmate to create 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 the database.

JOURNEY THROUGH EUROPE - CSE219 - Computer Programming Design, Coding and Testing - Fall 2014

- Converted a strategy board and card game to a computer game using Java (used JavaFX for making UI).
- Implemented Dijkstra algorithm to help AI find shortest path.

Work Experience

WEB DEVELOPER - Stony Brook University, Department of Computer Science - Stony Brook, NY - Sep 2015 - Dec 2016

- Designed, coded and modified websites from layout to function using HTML, CSS and JavaScript.
- Integrated back-end data using PHP and MySQL.
- Tested and updated websites 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 *CSE 114: Introduction to Java*.
- Tutored students independently or in small groups during recitation and outside of class.