

Son Nguyen

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EDUCATION

B.S. Computer Science (expected May, 2016)
San Jose State University – GPA 3.93/4.00

RELEVANT COURSEWORK

Data Structures and Algorithm
Object-Oriented Design
Database Management System
Operating System
Programming Paradigms
Software Engineering

SKILLS

Programming Languages: Java, C, Javascript, HTML 5, CSS 3, PHP
Operating System: Linux (Debian, Ubuntu), Mac OS X, Windows
Webserver & Web Application: Apache Tomcat, Glassfish Server
Tools & Frameworks: MySQL, DB2, Hibernate, RESTful Web Services, JAX-RS, Gson, J2EE, Maven, Servlet, JSP, Bootstrap, OLAP, AJAX, VirtualBox, Netbeans, Eclipse, Agile, Git

RELATED EXPERIENCE

Full-stack engineering intern at PymWym(11/2015 - present)

- Implemented multiple responsive and dynamic web pages using HTML, CSS, bootstrap, AJAX, jQuery, and PHP
- Collaborate with another intern to successfully integrate fully functional pages

Teaching assistant at San Jose State University (9/2015 - present)

- Grade the assignments and develop grading standards
- Establish a working relationship with the professor and effective communication with other students

ACTIVITIES/AWARDS

Second place winners of the Yahoo! Hackathon at San Jose State University

- Conceptualized and simulated a system that categorizes, displays, and automatically responds to events across a distributed system in real time

Hackerrank

- Participated the World Cup – University Level CodeSprint

PROJECTS

Car Configuration (06/2014)

- Developed a car configuration website using J2EE, Servlet, JSP, Maven, and Bootstrap
- Scaled the website by using multithreaded servers, synchronized data, and created a customized exception handler

Bank System (12/2014)

- Created JDBC application that simulates functionalities of a bank
- Grouped SQL statements into transaction to maintain the atomicity

Airport Management System (12/2013)

- Implemented binary search tree and hash table in C to manage an airport list efficiently and meet different requirements from customers

Operating System Simulation (03/2015)

- Implemented different scheduler algorithms of the operating system in Java
- Created a multithreaded application in C and specified critical regions to avoid race condition as well as deadlock

Hotel Reservation System (12/2014)

- Developed a Java GUI application that lets users to reserve rooms in a hotel
- Implemented many different object-oriented concepts and design patterns

Chat Room (5/2014)

- Developed a Java web-based chat application that allows multiple people to join in a conversation
- Used Javascript, JSON, and RESTful web service for the communication between the server and clients