Alvin Nguyen

7711 Ontario Drive
Huntington Beach, CA 92648
(714) 334-9091
alvindn17@gmail.com
www.linkedin.com/in/alvindn17

OBJECTIVE

To obtain a position as a software engineer and become a member of a team to design and test software using my programming and problem solving skills.

EDUCATION

University of California, Irvine
B.S. in Computer Science, expected June 2018
Major GPA: 3.44

University of California, Riverside
B.A. in Biology, conferred June 2013
GPA: 3.14

COURSE PROJECTS

Word Checker (C++)   Irvine, CA *August 2017*
* Programmed a word checker that inputed a text file of correctly spelled words and outputed correctly spelled suggestions
* Use of Binary Search Tree, AVL, and Hash Table implementations to store data and produce optimal results

Othello Artificial Intelligence (C++)   Irvine, CA *June 2017*
* Programmed an Othello artificial intelligence to compete against other students' AI
* Use of depth-first search to explore game tree potential moves
* Researched Othello strategies and utilized "power spots" to generate optimal moves

PROGRAMMING EXPERIENCE

ICS 45C, 46 | Programming in C++   April 2017 – June 2017
* In-depth programming and data structure implementation and analysis in C++

ICS 31, 32, 33 | Programming in Python   June 2015 – June 2017
* Introduction to the fundamental concepts and techniques of programming using the language Python

JOB EXPERIENCE

Desktop Support Technician, Irvine Company   August 2017 – October 2017
Google Apps Support Associate
* Assistance of all Irvine Company personnel during a Microsoft Office to Google Apps transition
* Conducted 1-on-1 meetings with employees instructing on the features of Google Suite

Information and Computer Science Tutoring, UC Irvine   January 2017 – Present
Computer Lab Tutor
* Assist students with lab programming assignments and/or homework, in Python
* Work 1-on-1 or with pairs of students by actively debugging code and explaining topics

SKILLS

* **Languages:** English, Conversational Spanish and Vietnamese
* **Programming Languages:** Python, C++
* **Operating Systems:** Microsoft Windows, Mac OS X, Linux