Richard Jang

Phone: (408)-802-9926 | **Email:** richardjangprof@gmail.com
LinkedIn: https://www.linkedin.com/in/jangrichard | **Website:** richardjang.me

OBJECTIVE

To obtain software related internship at Google.

EDUCATION:

San Jose State University   **August 2012 - Present**
Computer Engineering, B.S (4th year), GPA: 3.32

Related Coursework:
Algorithms and Data Structure Design (C++) **|** Advanced Algorithm Design (C++) **|** Fundamentals of Embedded Software (Assembly Language)**|** Operating System Design (Linux) **|** Software Engineering (Software Design and Testing)
Coursework in Progress:
Information Security **|** Mobile Software Engineering (Swift and Android) **|** Electronics for Embedded Systems **|** Digital Design (Combinational logic theory and circuits)

SKILLS

Software: Experience from a scale of 1(Not Experienced) – 5 (Very Experienced)
- C++ (4/5), C (3/5), HTML/CSS (3/5), Swift(3), JavaScript (2.5/5), Python (2.5/5)
- Experience with object oriented programming and various algorithms.

Hardware:
- Knowledge of basic embedded systems, circuit analysis, and combinational logic.

EXPERIENCE:

C++ Tutor, Instructional Student Assistant   **August 2015 - Present**
- After class tutoring to a class of 120 students learning object oriented C++.
- Subjects include pointers, classes, inheritance, polymorphism, and various algorithms.

Computer Engineering "Bridge" Coordinator   **August 2015 - Present**
- Mentoring undergraduate computer engineering students.
- Website moderator for Bridge Organization's website.
- Program consists of 9 Coordinators, 25 Mentors and 100+ Mentees.

Drum-set Teacher/Founder, Richard Jang's Drum Studio   **Jan. 2012 - Present**
- Founder of drum set / snare drum teaching business.
- Created an extensive curriculum and recruited over 14 students.

Software QA Engineer Intern, 8x8, Inc.   **June. 2015 – Aug 2015**
- Worked with developers in creating an efficient automated testing framework for Virtual Office (8x8's flagship product)
- Created and maintained various test plans for the various features of Virtual Office.

HONORS:

Tau Beta Pi, Engineering Honor Society   **September 2015 - Present**
- Must be top 12% of Engineering at San Jose State to be invited.

Finjan Mobile Defense Challenge 2nd Place   **July 2015**
- My team (3 members) received 2nd place in Finjan Holding's "Mobile Defense Competition.
- Idea involves a messaging app recalling messages and files before they are read.

Dean's Scholar   **2013 – 2014**
- Awarded to those individuals maintaining a GPA of 3.65 or higher for two contiguous semesters

PROJECTS:

Remote Microcontroller Fan (Group project)   **Fall**

2013
- Using a basic computer fan and two microcontrollers, created a multi-speed rotating remote controlled fan.
- Fan's movements were programmed in C and involved circuit design.

Simulation Project (Individual Project)   **Fall 2014**
- Designed algorithm using C++ to simulate a specific four way intersection at different times of day.
- Algorithm is implemented using a combination of queues and object oriented programming.

Personal Website (Individual Project)   **Dec. 2014 – Present**
- Created and designed a personal website using HTML, CSS, and JavaScript.
- Website displays personal resume in a classy interactive style.