Daniel Kong

5058 Park West Ave., 92117 ♦ (310) 985-1473 ♦ dakong94@gmail.com ♦ www.github.com/dakong

Education

University of California, San Diego Class of 2017   **Expected Graduation: June 2017**
Bachelor of Science Computer Science Major, Business Minor

Key Skills

Programming: Java, C, C++, SQL, Unix, HTML, CSS, and JavaScript.
Concepts: Data Structures, Graph Theory, and Algorithms.

Projects

Kronos Web App (http://goo.gl/LhDpqU)
- ❖ Worked with a team of 10 to develop a calendar application that emphasized creating calendar groups for users to follow.
- ❖ Produced the website mockups using adobe illustrator, as well as writing code for parts of the front-end.

Undergraduate Business Network (www.ucsdubn.com**)**
Webmaster
- ❖ Created a full stack website for the Undergraduate Business Network's website utilizing JavaScript, JQuery and Angular.

Electric San Diego (http://goo.gl/v7m3qH)
- ❖ Designed and wrote code, with a team, for an original website called Electric San Diego, which show cased local music events.
- ❖ Drafted mockups, which took into account of user groups, interaction cost, and usability, with Adobe Illustrator.
- ❖ Produced front-end design by self-learning CSS and HTML, in order to transform the mockups into usable webpages.

Boggle Board
- ❖ Constructed a boggle board game in C++ by implementing a 2-D array, which stored boggle board piece objects that contained a vector of all adjacent pieces.
- ❖ Solved the problem of comparing valid words on the Boggle Board to the Lexicon by creating a Ternary Search Tree, that takes advantages of prefixes, which would contain the entire Lexicon and have a time complexity for search of Log (n).
- ❖ Formulated two algorithms that solved the problem of finding all valid words in the boggle board as well as checking whether or not a given word is in the boggle board, by using recursive methods that constructed strings by checking whether or not adjacent pieces created a prefix or a word within the ternary search tree.

Leadership Experiences

Undergraduate Business Network
Founding Member   April 2014 - Present
- ❖ Designed and managed 3 unique campus-wide fundraisers by delegating tasks and checkpoints to project managers as well as diligently working together in order to raise a collective total of over $3,500.
- ❖ Worked alongside 30 other students to establish the logistics and plan for a new business organization on campus, which allows students to grow professionally as well as develop skills to tackle challenges faced beyond college.

Korean-American Student Association
President   September 2014 – June 2015
- ❖ Spearheaded and managed an organization with over 110 members, by providing a thriving cultural and social environment to promote networking.
- ❖ Eliminated an initial debt on KASA's account balance and increased it by over $3,500 within one quarter.
- ❖ Increased KASA's membership base by 80% through various public relation strategies.
- ❖ Organized our school to volunteer in Jangtuh, a 3 day Korean festival in which over 10,000 people attended, that promoted Korean culture and awareness by providing a marketplace which sold food and products, as well as hosting various cultural workshops and performances.

Public Relations Officer: September 2013 – June 2014
- ❖ Created cultural presentation for over 10 GBMs with over 100 attending members to educate members on Korean culture.
- ❖ Publicized and advertised over 6 general body meetings, fundraising events, and social events for members.
- ❖ Assisted in fundraising events, which increased KASA's balance by over $2,000 in two quarter by holding fundraisers and social events, such as bowling, karaoke, and retreat.