EDWARD TO

✉ eto@ucsd.edu   🖥 edwardto.github.io   📱 (619) 307-3746

Education

UC San Diego – Senior, Computer Science B.S. (Expected Graduation: 2016)

Skills

Programming Languages: Java, C/C++, Assembly, HTML
Operating Systems: Windows, Unix, MacOS

Projects

Boggle
(Fall 2014)
- Implemented the back-end logic of a boggle game to determine if a word is on the Boggle board
- Written in C++
- Gained experience in working with k-ary trees and algorithms for efficient tree traversal

Huffman Coding
(Fall 2014)
- Compressed and decompressed a file without losing data using Huffman Tree
- Written in C++
- Gained experience in working with creating and traversing a Huffman Tree as well as encoding and decoding a file based off of the tree

Courseroom
(Winter 2015)
- courseroom.meteor.com
- Worked on the front end with a team to create a web application that can connect students together to learn within their classroom
- Utilized Meteor as the platform and written in HTML and CSS
- Won third place in UCSD's first monthly Project of the Month hackathon
- Gained experience in working with a team to develop a project from the design to the coding

LockBlock
(Fall 2015)
- Designed and constructed an Android app aimed to discourage phone use while studying
- Worked on the back end portion designing the algorithms for the app's main use
- Created during UC San Diego's first hackathon: SDHacks
- Utilized Android Studio to create and written in Java and XML
- Gained experience in creating apps in Android

Extracurricular Activities

Circle K International – UCSD Kiwanis Family Chair (2013 – 2014)
- Built relations with the other branches of the Kiwanis Family by hosting service projects and socials

Circle K International – UCSD Masquerade Ball Chair (2015 - present)
- Working with a team to help plan and execute Masquerade Ball, UCSD Circle K's largest fundraiser of the year
- Event garners at most 1,000 attendees each year and raises thousands of dollars for the Eliminate Project