EDWARD TO

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Skills

Languages
- Java
- C/C++
- Python
- Linux/Unix
- Javascript
- Assembly
- HTML
- OCaml
- Git

Education

University of California, San Diego
Expected Graduation: December 2016
B.S. Computer Science

Work Experience

City of San Diego - Swanson Pool
Pool Guard II
- Swim Instructor
- Lifeguard
(2010 – present)

Leadership

Circle K International
- **Masquerade Ball Chair -** Led a committee of 5 to plan Masquerade Ball, UCSD Circle K's largest fundraiser of the year raising over $8,000 for charity and attracting over 800 attendees
- **Kiwanis Family Chair -** Fostered relations between local Kiwanis Families and our club

Projects

Enqué   (Winter 2016)
- Inherited code from previous teams in order to debug, enhance and create a check in receptionist application for our mock client
- Gained experience in JavaScript, HTML, HTTP protocols, MongoDB, debugging code, UML Diagrams, learning how to read previously created code and how to work in a team based setting as well as little experience in RESTful API
- https://team-fubar.herokuapp.com/

Nepal Digital Medical Records   (Winter 2016)
- Led a team to develop a digital medical record for Nepal
- Went through the design process to implement this app including defining the problem through risks and costs, performing research, creating different concepts, and developing the concept
- The app will be built using OpenMRS which is an open source medical record system
- Gained experience in concept generation, concept creation, mockup design, as well as researching the products needs

LockBlock   (Fall 2015)
- Designed and constructed an Android app aimed to discourage phone use while studying
- Utilized the gyroscope as well as the accelerometer of the Android phone to vibrate, play a siren and flash the lights when the phone moves
- Created with Android Studio and written in Java and XML
- Gained experience in creating applications from scratch using Android Studio as well as experience using XML

Courseroom   (Winter 2015)
- 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 Project of the Month hackathon
- Gained some experience with Meteor, HTML, and CSS
- courseroom.meteor.com

Visit edwardto.github.io for more information on projects