EDWARD TO

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Skills

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

Education

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

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 UCSD Circle K by planning events where all clubs participated together, creating connections between the various members, and showing transparency between all of the organizations

Work Experience

Dexcom – Software Test Intern   (July 2016 – Present)
- Performed manual and black box automated testing documenting any bugs found
- Wrote and debugged test scripts utilizing Appium, an open source test automation framework as well as UIAutomator, another automation framework for Android apps
- Gained experience in unit testing, regression testing and writing test scripts

Projects

GLSL Compiler   (March 2016 – June 2016)
- Worked with a partner to develop a GLSL Compiler using C++
- Utilized the steps of lexical analysis, syntax analysis, semantic analysis, LLVM IR Generation
- Gained experience working with compilers as well as LLVM to develop compiler front and back ends

Enqué   (January 2016 – March 2016)
- Debugged, refactored and built upon code for a check in application written for our mock client
- Gained experience in working with HTTP protocols, MongoDB, refactoring and QA
- https://team-fubar.herokuapp.com/

Nepal Digital Medical Records   (January 2016 – March 2016)
- Led a team through the design process of creating an application for a digital medical record for Nepal
- Defined the risks, costs, performed research, created and developed various concepts with the team in order to present to the client
- Interviewed end users and the client in order to gather requirements for the application
- Created mockups and wireframes using NinjaMock, InVisionApp and Photoshop
- Gained experience in concept generation, concept creation, mockup design, as well as researching the products needs

LockBlock   (September 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

Visit edwardto.github.io for more information on projects