

**Louis Wong**  
1557 Clay Street  
San Francisco, CA 94109  
(415) 215-7440  
louis1204@gmail.com

## **EDUCATION:**

University of California, San Diego  
Major: Computer Science B.S.  
Graduated Fall 2013

La Jolla, CA

## **EXPERIENCE:**

### **Cubic Transportation Systems**

Software Engineer Intern

San Diego, CA  
7/2013-9/2013

- Created a WPF GUI application to easily and simply test card data written in a home-brewed scripting language
- Developed IIS Web Service to relieve local dependencies on files
- Established a XML parser and writer to read and save all variables and its values in XML files
- Technologies and methods used: Scrum, MVC, Visual Studio 2012, Team Foundation Server, IIS, C#, WPF Applications

### **Ziftit**

Software Engineer Intern

San Diego, CA  
7/2012-9/2012

- Accomplished implementing a distributed payment system across multiple servers by implementing Akka actors with Authorize.net
- Created a Scala program that used Akka actors that authorizes credit cards
- Distributed and tested the program across multiple servers
- Technologies and methods used: Scala, Akka, Actors, Play! Framework, HTML, MVC

### **University of California, San Diego**

Android Developer

San Diego, CA  
3/2012-6/2012

- Programmed a Cross Fit application with a group for a UCSD class, which won 1<sup>st</sup> place in a class of 130 students
- Responsible for the Stats activity which showed progression and charts of workouts and body weight using AChartEngine
- Helped work on the remaining features and small bugs after finishing my part, which included the editing of a Work out of the Day, changing and saving the app's background
- App homepage where you can download from: xfittracker.net

### **Yerba Buena Center for the Arts**

IT Intern

San Francisco, CA  
5/2010-8/2010

- Wiped and replaced hard disks that have gone bad; Cloned and restored disk images to new drives
- Provided exceptional technical support for workers in an office environment by resolving printing and connectivity issues
- Orientated and warmly welcomed new workers to their machines and went over login, YBCA's Gmail and intranet, and internet policies

## **RELEVANT COURSEWORK:**

Data Structures and Algorithms: C++  
Design and Analysis of Algorithms  
Programming Languages: Principals and Paradigms  
Server-side Web Applications  
Computer Architecture with Assembly Language  
Computer Organizing and Systems Programming  
Compiler Construction  
Discrete Mathematics  
Artificial Intelligence: Statistical Approach

Object Oriented Program: Java  
Theory of Computation  
Database System Principals  
Client-side Web Applications  
Software Engineering  
Principals of Computer Operating Systems  
Computer Vision: Image Processing  
Statistical Methods  
Artificial Intelligence: Search and Reason

**SKILLS:** Matlab, C++, C#, C, Java, Scala, Akka, Android Development, Ocaml, SQL, Play! Framework, .NET Framework, ASP.NET, Visual Studio, Eclipse, Github, HTML, CSS, Javascript, Prolog, MIPS, Marie, Sparc, Verilog