**Louis Wong**

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**E D U C A T I O N:**

University of California, San Diego La Jolla, CA

Major: Computer Science B.S. Graduated December 2013

**E X P E R I E N C E:**

**Wells Fargo**  San Francisco, CA

Automation Engineer 5/2014-8/2014

* Developed test cases to assure the quality of Wells Fargo’s mobile website
* Added functionality and web elements to the mock framework using XPath
* Worked on a side project to create a reporting tool for internal usage using Java, Java Servlets, JSP, Tomcat server, MS SQL Server, JDBC driver, Javascript, Google Charts API
* Technologies and methods used: Java, Java Servlets, JSP, Selenium, Ant, Eclipse, XPath, HTML, CSS, MS SQL Server, MS SQL Server JDBC driver, Javascript, Google Charts API

**Cubic Transportation Systems**  San Diego, CA

Software Engineer Intern 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** San Diego, CA

Software Engineer Intern 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

**Class Project at UCSD**  San Diego, CA

Android Developer 3/2012-6/2012

* Programmed a Cross Fit application with a group for a UCSD class, which won 1st 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

**R E L E V A N T C O U R S E W O R K:**

Data Structures and Algorithms: C++ Object Oriented Program: Java

Design and Analysis of Algorithms Theory of Computation

Programming Languages: Principals and Paradigms Database System Principals

Server-side Web Applications Client-side Web Applications

Computer Architecture with Assembly Language Software Engineering

Computer Organizing and Systems Programming Principals of Computer Operating Systems

Compiler Construction Computer Vision: Image Processing

Artificial Intelligence: Statistical Approach Artificial Intelligence: Search and Reason

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