

# Jihong Zhang

## iOS developer

Hayward, CA - Email me on Indeed: [indeed.com/r/Jihong-Zhang/02ae1a8670f169f7](https://www.indeed.com/r/Jihong-Zhang/02ae1a8670f169f7)

- Over 10 years software development experience in GUI, C, iOS, Objective-C, Xcode, C++, C#/Winform, data analysis, Database, SQL, TCP/IP, Socket, Multi threading, PHP, Javascript, HTML, Perl, Shell script under UNIX, PC Visual Studio.

- Life cycle software development experience.
- iOS objective-C, Swift developer experience.
- Web development experience.
- UI, data analysis, database development experience.
- Test plans, test cases and automated test scripts experience.
- Solid Knowledge of Objective-C, Mobile UI, both iOS, and Android.

Published some iOS and one small Android project via GitHub:

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### iOS Developer

Integrated resource Inc - Santa Clara, CA - February 2017 to Present

As a contract working at Huawei

- Analysis open source app, develop a new app, add new features, both frontend and backend • Extensively using iOS, Swift, CocoaTouch, XCode, Google map API, Weather API, Firebase, MongoDB, Vapor, MongoKitten...

#### iOS developer

Therealreal Inc - San Francisco, CA - October 2014 to May 2016

Responsibilities

As a iOS developer working in a commercial iPad and iPhone system, main duty is maintenance and improvement an existing system, including adding new features and bug fixing...

Using Objective-C, Swift, Xcode, UIKit, Interface Builde, RESTful API integrations, CocoaTouch, Data Structures, Algorithms, Design Patterns, latest iO9 support, Charles Proxy, AFNetworking, Git/Github ...

#### Sr. Software engineer

Kforce at Cisco - Milpitas, CA - June 2013 to October 2014

Responsibilities

As a contractor working at Cisco, main duty is features and functional design, development, enhancement, and bug fixing, including automatic unit test and regression test design and development for smart software licensing project for all the software products at Cisco.

Using C, IOS(Cisco Internet Operating System)...

#### Sr. profiling performance testing engineer

Cavisson at Macys - San Francisco, CA - August 2012 to May 2013

Responsibilities

As a contractor working at Cisco, main duty is features and functional design, development, enhancement, and bug fixing, including automatic unit test and regression test design and development for smart software licensing project for all the software products at Cisco.

Using C, IOS(Cisco Internet Operating System)...

### **Web Developer**

MCT at NASA - Mountain View, CA - April 2010 to October 2010

As a contractor working for a web project.

Used PHP, mySql, Javascript, Ajax, Json, JQuery, HTML, Java, Matlb

### **Sr Software Engineer**

Applied Materials, Inc - Santa Clara, CA - July 2002 to 2010

Inkjet project

Collaborated with the engineering team in the development of the data analysis system for the dynamic printing adjustment as well as the system interface for inkjet color printing onto flat panel screens.

- Solar project

Interfaced with solar process engineers, electronic engineers, and real time control engineers to develop the graphic user interface (GUI) for cutting edge solar system.

- CVD/PVD and EBT project

Developed, launched as well as provided maintenance and support for real time control system for the MasterFab Central Controller. Focused on user interface (GUI), field support, and real time control embedded system. Translated technical design specifications into application code instructions.

All projects involve real time control software systems for semiconductor utilizing C, C#, C++, Motif/UIL, Statistics, xil/image share memory, multi-thread, semaphore, Excel on UNIX/PC Microsoft Visual Studio, VxWorks. and Clearcase.

### **Sr. Programmer Analyst**

Pacific Exchange, Inc - San Francisco, CA - December 2001 to June 2002

Maintaining, improving, and developing a Distributed

Client Server systems (a trading system) for stock options.

used C, Perl, Shell script, TCP/IP, Socket, Multi threading, shared memory,

SQL, Sybase, stored procedure, X Window, Motif on UNIX.

### **Sr. Software Engineer**

AdForce, Inc - Cupertino, CA - March 2000 to August 2001

In charge of IP targeting database(figure out and verify the location of the IP address), including design, coding and maintenance.

Design and develop tools for monitoring some software performance for internal use.

In charge of Internet data transfer. Auto testing tools. Code inspection for some existing software.

Auto testing script for software testing.

Used C, C++, SQL, Sybase, Oracle, stored procedure, Perl, Nsort, TCP/IP, Socket,

Shell script, UNIX

### **Sr. Software Engineer**

SAT corporation - May 1998 to March 2000

Sunnyval, CA

Developed, improved, and maintained a system for satellite and terrestrial monitoring and management, including UI, concurrent process, and database.

used C, C++, CGI, Perl, Dynamic HTML, HTTP, java-script, TCP/IP, X Window,

embedded SQL, Oracle, stored procedure, web server, web browser, Raima database, UNIX and NT.

COMPUTER C, C++, TCP/IP, Socket, SQL, SYBASE, ORACLE, SQL, KNOWLEDGE HTML, shell programming, ORACLE, X Window/Motif, UIM/X, CGI, DHTML, Perl, javascript, Java, Shell script, Assembly(Z-80) language, Prolog, Lisp, AVS(Advanced Visual System), OOD/OOP and VxWorks

#### OPERATING SYSTEM

SunOS, Sun Solaris, HP-UX, UNIX, NT, PC/Visual Studio, MS-DOS

#### CERTIFICATE

Certificate of Completion training in VxWorks (Real Time Embedded System) from Wind River in April 2006.

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#### **Sr Software Engineer**

Intel Corporation - Folsom, CA - June 2011

DA, DB support (help tickets supporting), including all the tools we are using, debugging, troubleshooting, and tools improving.

Using Perl script, shell script, SQL

#### EDUCATION

##### **M.S. in Computer Science**

State University of New York

##### **B.S. in Computer Science**

University in Hunan

#### SKILLS

iOS, Objective-C, C, Linux, GUI

#### ADDITIONAL INFORMATION

Fluent in Chinese, both simplified and traditional, both Mandarin and Cantonese