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○ Visa Type:	462 (Working holiday)
○ Visa Expiry:	Jun/26/2017

Education

Dalian Nationalities University Sep 2008 - Jul 2012

Bachelor of Computer Science

Skills

■ Advanced

○ Java

Familiar with not only the language itself, but frameworks like Spring, SpringMVC, Mybatis, Hibernate, JSP, Servlet. In short, able to utilize Java and various frameworks to build (http/networking) applications independently and reliably.

○ C

Have sufficient knowledge and experience of C to build low-level applications/systems under Linux(Centos, Openwrt, Ubuntu).

○ TCP/IP

Have solid knowledge and experience about TCP/IP network stack, able to do socket programming reliably even with new languages.

○ Linux

I having been working under Linux since 2012. Have solid knowledge about FS/MM/Network/Processes and sufficient programming experience of processes, threads, socket.

○ Ability to get things done and employ new languages/frameworks.

As I have enough experience about software development, I am able to deliver the result reliably.

■ Intermediate

○ Javascript/HTML/CSS

Able to make responsive layout following designs and use JQuery/Angular1/Javascript to interact with users, communicate with servers, but might need extra time to test when cross-platform is necessary since most of the applications I worked with just needed to support Chrome.

○ Shell

Good understanding of Linux enables me to write shell scripts to automate tasks.

○ Python

I will choose Python(Flask) to do the job when shell scripts are not good enough, or when a small web application is needed.

○ SQL

Have enough knowledge and experience to design normalized tables, familiar with common operations.

○ Redis

Have experience using it.

- **DNS/HTTP/TLS(HTTPS)**

Understand how these protocols work, have enough experience to troubleshoot networking issues and design secure applications.

- **Basic**

- Lua
- Elasticsearch
- Docker
- Nginx

These are just things I dabbled with during my leisure time in order to know commonly used components in large systems.

Previous Employment

Storage Engineer, Sina App Engine Jul 2012 - Sep 2013

Sina App Engine (<http://www.sinacloud.com/>) is one of the biggest Platform-as-a-Service providers in China. I worked in this company as a storage engineer maintaining and developing a distributed file system named glusterfs. The filesystem was employed to save millions of pictures and text files for the platform. The throughput(both of disk io and network io) and load were quite high every day so it was firmly challenging to make sure that it functioned properly.

Technologies: C, Socket, Linux, Filesystem, Multiple-threads, Async/Event-driven

Software Engineer, HIWIFI Technology Co. Ltd Jan 2014 - Nov 2014

HIWIFI (<http://www.hiwifi.com/>) is a manufacturer of family routers. I took part in multiple projects(components) while I was working there:

- **Magent**
This was a client-side application written in C/Lua. Its main responsibility was maintaining a secure connection with the server so that commands could be delivered to the router from the servers.
Technologies: C, Linux, Multiple processes, Event driven, Libev
- **Carrier**
Based on C and libuv, it was responsible for holding hundreds of thousands of connections from clients.
Technologies: C, Linux, Multiple threads, Event driven, Libuv, Redis, Rabbitmq, Jenkins
- **Cloud**
The component accepted messages via RESTful APIs and delivered them to routers.
Technologies: Java, SpringMVC, Libuv, Redis, Rabbitmq, MySQL, HTML/CSS/Javascript, JQuery, Jenkins

Devops, Qunar Information Technology Co. Ltd Nov 2014 - Apr 2016

Qunar (<http://www.qunar.com/>) is a flight-oriented search engine which helps users find the cheapest flights and hotels. I joined this company as a devops. And here are projects I participated in.

- **DNS Manager**

Enable third parties to update DNS records via RESTful APIs. I was in charge of it.

Technologies: Python, MySQL, Rabbitmq, Named, Jenkins

- Alarm System

It was used to send alarm messages to developers via App instead of MSM. As hundres messages were sent in this way, money was saved. I was in charge of it.

Technologies: Java, Android, MySQL, Rabbitmq, Mybatis, Jenkins

- QPaaS

This is the private Platform-as-a-Service platform. It was built on Mesos(Marathon) and Docker so that engineers were able to clone an isolated system to do specific developement within a short time. I was responsible for http service discovery using nginx(openrestry).

Technologies: Nginx, Lua, Marathon, Docker, Jenkins.

Web Developer, Lumi IT Solutions Sep 2016 - Mar 2017

Lumi IT (<http://www.lumiit.com.au/>) is a small company which develops various applications for businesses.

- Austcorp

Just a web site. (<http://www.austcorp.com.au/>)

- Salary Saver

This is a web application, but the owner has decided that only the internal staff can access it.

Technologies: Linux, Java, Spring, Mybatis, Python, Javascript, HTML, CSS, JQuery, Gulp, Sass, MySQL, Jenkins, Jira