○ Name:		Connor Lin
☎ Phone:		0431 459 634
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○ Visa Type:		462 (Working holiday)
○ Visa Expiry:		Jun/26/2017
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Education

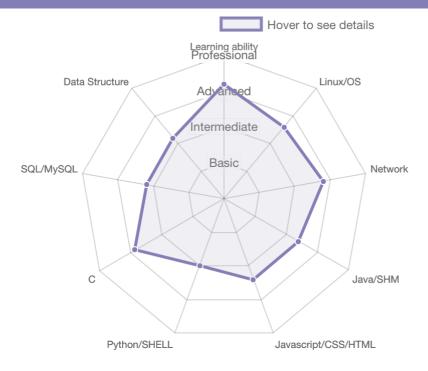**Dalian Nationalities University** Sep 2008 - Jul 2012

Bachelor of Computer Science

Portfolios

- **Austcorp (http://www.austcorp.com.au/)**
  This is just a small website I built.

- **Zomato (http://zomato.nalby.org/)**
  As projects I built are not accessible over Internet, I am making this project to demonstrate my capability. While Java, SpringMVC, Hibernate, Elasticsearch are utilized to do the backend job, the front end is done with Angular, Gulp, Sass, Bootstrap. It is responsive and a user 'Nancy' can be loged in with password 'password'. **However, some features do not function for it is still in development.**

Skills

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 enginner maintaining and developing a distributed file system named glusterfs. The filesystem was employeed 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. During this period, I gained considerable experience of Linux, Filesystem and Network.

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 while I was working there:

- Magent
  This was a client-side application written in pure C. Its main responsibility was maintaining a TLS/secure connection with the servers so that commands could be delivered to the router. As the network device varies greatly, it was not an easy task to establish a stable and secure connection from a router to the server. I had to diagnose and work around all kinds of network issues such as http/dns hijack, black-hole, nat keepalive.

- Carrier
  Based on c and libev, this server-side project was responsible for connections from routers. My role in this project was to code the network module. The challeging part is to hold hundreds of thousands of connections per server.

- Cloud
  The project provided http service of accepting messages which were to deliver to routers. It was my job to write http module which took messages and pushed them to rabbitmq.

Technologies: C, Socket, Linux, Multiple-threads, Async/Event-driven, Java, Spring, Redis, Rabbitmq, Javascript, HTML, CSS, JQuery, MySQL

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
  As the company possessed its own private Infrastructure-as-a-Service platform based on Openstack and Platform-as-a-Service based on Mesos/Docker, DNS needed to be updated dramatically and constantly. It was my duty to maintain and develop this system so operations could manipulate DNS records via a browser and third-party systems were able to do so by calling http interfaces. This project was quite stressfull since even a tiny lapse could lead to a disaster, and I had to take great care to make sure everything went smooth.

- Alarm System
  The company has so many servers and systems that innumerable alarm messages had to be sent to developers and operations every day because of failures of systems and servers. It cost a fortue to send these messages by MSM, so we decided to start a projects to deliver messages by an android/ios app. For the whole system was similar to the previous one I worked on, I was in charge of the system.

- QPaaS
  This is the private Platform-as-a-Service platform. It was built on Mesos and Docker. Before this platform, engineers had to spent hours and hours to clone an isolated system to do specific developement. Now by using this platform, they just needed to wait for a few minutes after clicking a 'clone' button. I was coping with the network part of the platform(DNS, NAT, Service Discover).

Technologies: C, Socket, Linux, Multiple-threads, Java, Spring, Mybatis, Python, Rabbitmq, Android, DNS, MySQL, PostgreSQL, Javascript, HTML, CSS, JQuery

Web Developer, Lumi IT Solutions Sep 2016 - Now

Currently I am working for Lumi IT (http://www.lumiit.com.au/), 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

Why me

I can create value for your company, and I am diligent in work and studying.