Tao Zhou

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References

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Work experience

Lincoln University June 2014 — February 2015

Developer

In a scholarship project of Lincoln University, I developed an app to automatize and optimize data collecting procedure for a seed company based in Christchurch. The app has features such as on-screen keyboards, raw data extraction and analysis, audio alert, data transfer, history task restoration, make it error-free and fool-proof for the on-fields data collecting. A solution for data synchronization between end-user devices and client/server is also established. After the scholarship project finished, a 3 months contract is offered to help with trouble shooting and other IT problems within the company.

<http://www.lincoln.ac.nz/Lincoln-Home/News-and-Events/IT-grads-new-app-makes-field-work-a-breeze/>

China Telecom

March 2010 — February 2014

Engineer

2 year system maintenance and administration.  
- Administration of SQL Server / Windows based DB system, maintenance and trouble shooting on a daily basis, hardware / software upgrading, produce reports for front-end team.   
2 years tech support, document updating and user training.  
- Produce system ICT solutions for industry clients, technical support for sales team, technic document updating and user training.  
[www.ctsi.com.cn](http://www.ctsi.com.cn)

iESlab Co.Ltd

July 2004 — October 2009

Engineer

 1 year automation system deployment and maintenance.

- Install and setup embedded system based devices, implement devices into control system, field testing new version of software.

- Techniques involved: hardware assembling, serial and TCP/IP communication, protocol decode.

 3 years embedded system prototyping, coding and testing.

- Embedded system develop based on VxWroks in C language, including design PCB scheme, implement/test of some modules, such as protocol, user interface, data storage and communication.

- Techniques involved: C program / debug / test in embedded real-time OS, prototype PCB design within Protel, software publish version control.

 1 year technic support and user training.

- Technical document updating, training document composing and user training.

[www.ieslab.com.cn](http://www.ieslab.com.cn)

Education

Electronic Science and technology

September 2000 — July 2004

Shandong University, China

Bachelor Degree

Course covered: C language programming / assembly language / further mathematics / linear algebra / mechanics / electromagnetism

Software and IT

Feb 2014 — November 2014

Lincoln University

Graduate Diploma

Course covered: C# / PHP / .Net / SQL Server / network / HTML / sensor / simulation / modeling

Skills

VB / C / .Net / SQL / C# / PHP

PCB design and prototyping, serial port communication

Embedded system development in VxWorks

Knowledge of: Linux / HTML / Java

Strong skills in MS word/excel/PowerPoint