



SHICHENG LIU

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SKILLS

- Application Development
- Requirements Analysis
- Software Development Lifecycle
- Project Scheduling & Management
- Testing, Quality Analysis & Research

IT SKILLS

C / C++  
Linux (RedHat / CentOS)  
Shell Script  
gcc / gdb  
Makefile  
Git / TortoiseGit  
System Integration  
Computer Architecture  
Supply Chain  
html / css / Python / Django

LANGUAGE

English (Fluent)  
Japanese (Basic)

HOBBIES

Running  
Trail Running  
Climbing / Mountaineering  
Reading Novel  
**Achievement:**  
· Shanhaiguan Trail Race 2020 - 168km  
· Sky View Trail Yamada Noboru 2019 - 140km  
· Summits: Mt.Kilimanjaro, Mt.Elbrus, Mt.HaBa, Mt.YuZhu, Mt.Fuji...

PROFILE

With 2-year experience of supply chain optimization, customized for Uniqlo's parent company, FastRetailing, by HITACHI, I learned the Japanese managerial style in depth, not only design and development but also technical documentation, and found that details determine success. Skilled in strong programming and system integration. Quick learner and Self-motivated. An endurance amateur athlete with strong adaptability and stress tolerance.

EXPERIENCES

- 2020.06  
|  
2018.06

**Advanced System Engineer**  
HITACHI / Acers Tech Co.,Ltd.  
Tokyo, Japan  
• Requirement analysis, Design and Development, Test and System Integration, Source Code Management, Technical Document Write and Management, New staff training.
- 2017.11  
|  
2014.05

**Co-partner**  
The third-party online store (TaoBao / Amazon)  
BeiJing,China / Tokyo,Japan / Bristol,UK  
• Market survey, Purchase, Online store operation, Logistics and Inventory management
- 2014.04  
|  
2012.08

**General Manager's Assistant**  
TangShan YuLong Centrifugal Metallurgical Roll Co.,Ltd.  
TangShan, HeBei, China  
• Manufacturing supervision, Administrative Affairs Assistance, Business Investigation and Reception, Organisation and Planning of Meeting and Event
- 2012.07  
|  
2011.11

**Application Engineer**  
Analogix semiconductor (BeiJing) Co., Ltd.  
BeiJing, China  
• IC Test, IC Driver Update and Upgrade, Schematic Design, Field Technical Support

SELECTED PROJECTS

- 2020.06  
|  
2018.06

**Supply Chain Optimization**  
Based on original supply Chain simulator designed by HITACHI, customise a new simulation system of supply chain running on distributed system(AWS) to mine history or present data's value to optimize product distribution, container fulfillment and inventory management.  
• Design and test pre-processing/post-processing data models.(C++)  
• Design and test dynamic link library for supply chain simulator.(C++/DLL)  
• Setup, integrate, test and maintance supply chain optimization system.(AWS/ssh/shell,like Hadoop, MapReduce implementation)  
• Techs: C++, Linux, makefile, gcc,gdb, shell script, ssh, xml, java, MySQL, MFC.  
**Achievement:**  
• Made serval tools for SCO system auto-installation and auto-test on distributed system  
• Successfully runing in Canda branch of FastRetailing Co.,Ltd.(Uniqlo's parenet company)On August 2019.  
• Sold to Nitori, the largest furniture chain in Japan, and entered the stage of requirement customization
- 2017.04  
|  
2016.04

**Inventory and Transfer Management System**  
A website inventory system is designed for cross-border online shopping product transfer. Front-end: html/css/javascript; Back-end: Django+MySQL.  
• Reverse engineering of simple transfer system  
• Requirement analysis  
• Database UML desgin and UI layout design
- 2009.10  
|  
2009.03

**The impact of the traffic modeling on different network topologies in many-core system**  
Focus on power consumption on different topologies between mesh and bypassing model.  
• Simulate the multi-core chip system on different topologies.(C++)  
• Process simulation results.(perl, shell)  
• Use matlab to visualize simulation results.
- 2008.11  
|  
2009.05

**System Integration**  
Design assmbler, computer simulator and simple OS and integrate them.  
• Build a assmbler, which can change assembly language to binary code.(C language)  
• Build a simulator to simulate computer architecture(CPU, Cache, Memory, Bus, pipeline and so on), which can run binary code.(Java)  
• Design simple OS, which can handle interrupt from keyboard.(Assembly Language)  
• Use assembler to transfer simple OS to binary code and run it on Java simulator.(Shell Script)
- 2010.02  
|  
2008.09

**Msc in Advanced Microelectronic Systems Engineering**  
University of Bristol  
Bristol, UK  
• Focus courses include Programming in C, Computer Architecture, System Integration, Design Verification
- 2008.07  
|  
2004.09

**Bsc in Electrical Engineering and its Automation**  
JiangNan University  
WuXi, JiangSu, China  
• Third Class Scholarship  
• Third Prize of the College Electronic Design Competition