Zhongqi Liang
Software Engineer II

- Email me on Indeed: <u>indeed.com/r/Zhongqi-Liang/680f0377475d436a</u>

WORK EXPERIENCE

Software Engineer II
Twitter - April 2014 to February 2015

Working in growth team to help Twitter reach more people in the world, responsible for delivering new emails and optimizing the backend services.
• Redesigned "people you may know" / "people similar to follow" emails, improved the performance of the backend
service, as well as the recommendation quality. Sent 10 more million emails per day, and got higher click rate.
• Delivered the feature of Day Time Optimization, it enabled Twitter to deliver SMS/Push/Email notifications to users
all over the world at a specific hour of their local time. Found out the best hour to deliver notifications based on AB
testing result.
• Redesigned activity emails, and developed a batch of emails to improve the landing experience for new user / resurrect user.

Software Design Engineer
Amazon - February 2012 to April 2014

Worked as a SDE in eCP(eCommerce Platform), responsible for maintaining 2 Java rendering platforms, as well as developing the 3rd generation of rendering platform, and onboarding customers including major amazon.com
application teams.
• Delivered multiple major features for the component based Rendering Platform.
• Strong technical skills with years of industry experience, and deep understanding of all rendering platforms helped
customers solve problems fast, and got great feedback from them.

Technical Leader
China Merchants Bank - May 2009 to May 2011

Promoted to lead a 4-member team through the complete software development life cycle (SDLC), from requirements
analysis through coding and implementation. While serving as the team supervisor, additionally provided hands-on
requirements analysis, architecture design, and coding. Identified team training opportunities to ensure continuous
skills improvement.
• Transformed the performance of a key Receipt Validation System following its purchase from an external vendor,
resolving numerous issues and fixing rampant MFC code bugs by leveraging C++, MS Visual C++, DB2, Tomcat,
Spring, and Quest Central. Added functions using Java to write a Web application to collect data from branches and make reports to headquarters.

• Increased the efficiency of an Account Charging System, rewriting the underlying codes in AIX, C++, MS Visual

C++, SecureCRT, SecureFX, DB2, and Quest Central.

• Enabled customized direct-to-consumer marketing with the creation of a Customer Marketing Service System in AIX and C++.

• Delivered a robust new travel booking application lauded for its usability and performance by the credit card division's call center, creating both client- and server-side applications in C# and DB2 and enabling seamless server-side

communication with other internal systems.

• Technical environment: C++, C#, DB2, Visual Studio, Windows / AIX.

Senior Software Engineer

China Merchants Bank - May 2007 to May 2009

Teamed in the ongoing development and enhancement of the bank's proprietary "Notify" SMS and email contact

management system, a complex, multi-application system critical to the delivery of nearly 20M customer messages per

month.

• Bolstered the system's stability, achieving reliable performance acknowledged company wide, by progressively

evolving legacy applications and by increasing the efficiency of the server-side subsystem.

• Enabled Notify's communication with other internal IT systems with the development of a system API in Java and C#.

• Designed and implemented a variety of new system features, including a new C#-based client-side management tool and a shell script for monitoring applications running on AIX.

• Improved system oversight by creating a monitoring process in C# providing visibility of every task and each process,

complete with warning messages alerting to errors.

• Technical environment: C++, Java, C#, Shell Script, DB2, Visual Studio, Eclipse, Quest Central, SecureCRT, SecureFX, Windows NT / AIX.

Software Engineer

Huawei - July 2005 to April 2007

Teamed on a major project writing codes for the infoX-SMS GW gateway, an advanced, highly efficient SMS system

capable of handling more than 12K messages per second. Contributed to requirements analysis, high-qualified coding,

requirements implementation, and initial testing.

• Played a key role in the ongoing development of a world-leading product used by such telecom giants as China

Mobile, China Unicom, and China Telecom as well as customers all over the world.

• Wrote code relating to such efforts as alignments with SMS operator protocol, telecom operator requirements, and

Windows API SMEIDLL.DLL.

• Contributed to the team's win of 3 patents for SMS gateway in China.

• Technical environment: C++, SQL Server, DB2, Oracle, SQLite, MS Visual C++, WinDbg, dbx, gdb, SecureCRT,

SecureFX, Quest Central, PLSQL, Visual Source Safe, Windows NT, AIX, HPUX, SuSE Linux.

EDUCATION

Master's in Computer Science
Maharishi University of Management
2011 to 2013

Bachelor's in Computer Science
Huazhong University of Science and Technology
2001 to 2005

Computer Science
Huazhong University of Science and Technology
2002 to 2004

Wu Chang Experiment High School