

Shiqiang Guo

Tech Lead, Client Architect

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WORK EXPERIENCE

Tech Lead, Client Architect

Laszlo Systems, Beijing Office - San Mateo, CA - August 2008 to July 2012

Fixed bugs, optimized the compiler and runtime memory of OpenLaszlo platform.
Designed software architectures and developed prototypes of projects.
Led the Laszlo China team to develop projects and communicated with the US team.
Coordinated the schedules with project managers and trained about 10 new employees.

Tech Lead

Rich Web Inc - 北京市 - July 2006 to July 2008

Participated in all the software development processes, such as requirement analysis, prototype design, architecture design, and project implementation.

Software Engineer Intern

GE Healthcare - 北京市 - March 2004 to August 2005

Designed the data integration framework between HIS (Hospital Information System) and RIS (Radiation Information System).

OpenLaszlo web development platform.
Fixed the bugs in the compiler, refactored code structure.
Reduced 20% of the output js file size and 25% of the div number generated in DHTML runtime.
Pattern recognition using deep learning network
Implemented the algorithm of deep learning network to recognize the synthetic and sketch characters.
Global Film and Exhibitor Info Management System for a top American producer of film.
Designed the architecture of the client side, and led a 12-member team to implement it in 11 months.
Designed localization module which allowed users in different countries to localize the UI by themselves in runtime.
Online room painting application for a famous American paint corporation.
Designed the architecture of the application, and led the team in China to implement it.
Cooperated with UI and UE team to find better user experience, and solved some technical challenges.
Laszlo Webtop, the flagship product of LaszloSystems.
Led the team in China to develop, customize, and maintain Webtop System, to allow end users to access their email, address books, and social networking applications from a dynamic, branded web-based environment.

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Xanadu Framework, a framework for RIA development.
Designed the RIA framework to improve the development speed and reduce the server load of Rich Internet Application.
Xanadu Webtop platform (WebOS prototype)
Designed a prototype platform, which provided a desktop like environment in browser. End users could add and remove apps in it, and developers could develop their own apps for it.

EDUCATION

M.S. in Software Engineering

Peking University - 北京市

July 2006

B.S. in Transportation Engineering

Dalian Maritime University - Dalian, CN

July 2001

M.S. in Computer Science

Texas A&M University - College Station, TX

ADDITIONAL INFORMATION

TECHNICAL EXPERTISE

Reading, tracing and maintaining the source code of legacy systems

Rich Internet Application Design, User Experience Design, i18n

OOA/OD (UML, Design Patterns, Refactoring)

Skills: Java, Open Laszlo, C, C++, PHP, JavaScript, HTML, Pascal, Python, J2EE, Spring, Struts, MySQL, Linux