

Jack Li Guojie

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Education

- Sep 2002 Master of Engineering. School of Electrical & Electronic Engineering,
- Sep 2004 Nanyang Technological University (Singapore). Under NTU Research
Scholarship.

- Jul 1998 School of Electrical & Electronic Engineering, Nanyang Technological
- May 2002 University (Singapore). Under Singapore Ministry Of Education
Scholarship.

- Aug 1997 Thermal & Energy Faculty, Tsinghua University (Beijing, PRC).
- Nov 1997

Work Experience

- Sep 2004 Software Engineer at Creative Technology (NASDAQ: CREAM), SG.
- Present Responsible for developing automation framework for testing of
software applications. By leveraging various computing technologies,
we automate and streamline the testing process, and as a result,
thousands of hours of the testers are saved.

- Jan 2001 Industrial Attachment at Computer Associates International, Inc.
- Jul 2001 (NYSE: CA). The only selected student by CA Singapore. Jasmine ii
(TM) demo developing using COM binding, Java Binding etc.
Teamwork: National University Hospital (NUH) healthcare data
mining project.

- Jul 2000 Internet server assist administrator at onefusion.com;
Responsibilities include: Hardware maintenance (RAID, etc) Software
maintenance (DNS, NIS+, APACHE, ZEND, etc.)

- Jun 1999 Part-time Web Programmer at a local tel-communication company.
Responsibilities include interface design, database design, web
programming, Linux server maintenance etc.

Publications

Book: *Professional Java Native Interfaces with SWT/JFace*, January 2005, Wiley.

IBM DeveloperWorks (US), active contributor

Latest article: *JDNC simplifies Java UI development* – 27 Sept 2005

Skills

Moulding Lang.	UML [6+ years of experience with Rational Rose®]
Programming Languages	JAVA (J2EE, EJB, JavaBeans, JSP, JServlet, J2ME.) [7+ years of experience. numerous projects with Java and J2EE as well as J2ME.] C++ [8 years of experience. VC++ with Win32, also GC++ on UNIX] FORTRAN, Visual Basic, C, PROLOG, PHP, PERL, ASP, JAVASCRIPT, HTML, XML; Shell Scripts, etc.
OS	AIX, Digital Unix, Free BSD, Linux, Solaris Win9x, WinNT, Win2000, XP, Server, Mac OS X
Databases	DB2, Oracle8i/9i/10i, Microsoft SQL, Jasmine ODB, MySQL
Technologies	J2EE, COM+, CORBA, Wireless, XML, Web Services, Network (HTTP, SMTP, SSH, etc)
Management	Familiar with software developing process with well understanding of software project management.

Honors & Certificates

Asia Mobile Java Challenge (AMJC) 2002/3, organized by SingTel, Nokia, and Sun Microsystems, Top 5 winner. The only individual developer short listed as a finalist and selected as Top 5.

ACM International Collegiate Programming Contest (ICPC) 2001.
Founder and leader of team C2L. 5th place in Asia, 2nd in Singapore.

Sun Certified Java Programmer (SCJP)

Professional Memberships

IEEE, 1998 to present.







Personal Information

Age: 27 Gender: M Citizenship: PRC
Resident Status: Singapore Permanent Resident
Interests: Travel, Photography, Swimming, etc.

References

Available on request.

Appendix: Project Showcase & Highlights

Title	Client	Details
Hotdesk Reservation Management System [Jul, 2005]	Computer Associates International 	<p>Hot desking refers to the temporary physical occupation of a work station or surface by a particular employee. With hot desking, CA Singapore saves millions by sharing the limited resources efficiently. This system enables the employees to reserve resources and the administrators to strategically manage the system.</p> <p>Technology involved: ASP.NET with C#; LDAP, Single Sign-on (SSO).</p>
Credit Card Application Form Processing [Feb, 2005]	Standard Chartered Bank 	<p>This project aims to help the bank automate part of the credit card application form processing. The resulting system allows the officers in the bank to retrieve, index, search, and finally process scanned application forms efficiently. The main challenge is the interfacing of IBM DB2 Information Integrator and Portal. The software delivered passes test in SC Bank India Information center smoothly.</p> <p>Technology involved: J2EE – JDBC & extension; Java Swing UI; JSP.</p>
Book: Professional Java Native Interfaces with SWT/JFace [Jan, 2005]		<p>Invited by the production editor of Wiley, I wrote this book. This book teaches developers how to create great UI application with Java by taking advantage of a popular open source framework (Eclipse, SWT/JFace). It took me six months to finish it.</p> <p>Due to popular demand, this book has been re-printed in 2006.</p>
Frame Management & CRM [Jun, 2004]	Sin Yin P. Pte Ltd.	<p>Traditionally, you need to fit a picture into many frames in order to select a perfect match. With this software, you can do it on your PC. It does much more than that – this software help the client sell thousands of frames! CRM functions like customer management, invoicing, and billing are included.</p> <p>Technology involved: Java UI; Java 2D; Java Cryptography; JDBC</p>
Asia Mobile Java Challenge (AMJC) [Feb, 2003]	  	<p>The Asia Java Mobile Challenge aims to find application development talents and their outstanding content. This initiative is spearheaded by SingTel, Sun Microsystems and SingTel Optus, together with SingTel's regional partners AIS, Bharti, Globe Telecom and Telkomsel.</p> <p>This competition invites application developers around the world to come forward with innovative applications for mobile phones using Java 2 Platform, Micro Edition (J2ME), the de facto computing</p>

language adopted for writing wireless programmes for mobile phones.

The only individual developer shortlisted as a finalist and selected as Top 5. [Media report: the Strait Times, Feb 8, 2003, H20]

My winning entry is an Artificial Intelligence (AI) powered Tetris game. It makes the traditional Tetris game more fun by enabling you to play it against your mobile phone.

ACM International Collegiate Programming Contest (ICPC), team C2L, founder, leader, coach.



[2001]

The ACM International Collegiate Programming Contest (ICPC) is an innovative initiative to challenge the top students in the emerging field of computer science. Participation has grown to involve several tens of thousands of the finest students and faculty in computing disciplines at 1,737 universities from 84 countries on six continents.

As the founder, leader, and actual coach of the team C2L, I managed to lead the team and won 5th place among 40 plus teams. Although we failed to enter the world final, we were very proud about the result – we spent three months to prepare for the contest, while teams from Hong Kong spent around 2 years, China teams 3 years.

PRC Scholars Union, President



[2000]

PRC Scholars Union (PRCSU) is a student organization aimed to serve 400+ PRC scholars in NTU.

As the president of the PRCSU, I led a committee of 20 members. We organized various events for students, like sports games, etc. Our Mid-fest Gala attracted more than 2000 people, including many VIP guests like China ambassador and MOE officials.

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