

Sike Huang

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NATIONALITY	Chinese	
DATE OF BIRTH	1985-04-14	
GENDER	Male	
SUMMARY	Versatile experience with software development among desktop, web and mobile. Comprehensive knowledge in telecommunications, software engineering and electronics.	
EDUCATION	Royal Institute of Technology / Kungliga Tekniska Högskolan (KTH), Stockholm, Sweden Master of Science, Software Engineering of Distributed Systems September 2007 - May 2009 Vaasa University of Applied Sciences / Vaasan ammattikorkeakoulu (VAMK), Vaasa, Finland Bachelor of Engineering in Information Technology, Major: Software Engineering Minor: Telecommunication Engineering September 2003 - May 2008	
WORKING EXPERIENCE	alaTest International Consumer Services Sweden AB, Sweden <i>System Developer</i> September 2010 to Present alaTest.com - http://www.alatest.com/ <ul style="list-style-type: none">The main responsibility is to develop and maintain alaTest's B2B/B2C services, including creation, reporting and improvements of partner feeds and Web Services to enhance the overall quality. <i>Python, Java, Bash, PHP, RabbitMQ, Data Warehousing (ETL process)</i> Unique Cinema Systems, Norway <i>Java Developer</i> April 2009 to Aug 2010 Advertising Accord - an advanced back office system for screen advertising <ul style="list-style-type: none">Combined existing cinema digital advertising distribution functionality with 35mm distribution. <i>Java Web Start, Swing, JGoodies, Servlets, Apache Hivemind</i>Integrated existing CRM with Novell GroupWise and Microsoft Exchange. <i>JAX-PRC, Java Exchange Connector</i>Refactored legacy system by introducing Spring and Apache Maven, adopt test-driven development and continuous integration. <i>JUnit, Hudson, Spring ORM, Spring Web MVC</i> Cinema Accord - a digital screen estate administration system for exhibitor	

- Developed in-house modeling tool and code generator.
ANTLR, StringTemplate, DBDesigner, Java SE
- Implemented client and server side of the system.
Flex, Flexmojos, Cinnamon, Spring, Hibernate, Google Collections

RosettaBridge - a theatre management system

- Developed an integration service with Cinema Accord to exchange feature show and trailer booking information.
JAX-WS, JMS
- Integrated screen control and content ingest with digital cinema server from GDC Technology.
Java socket programming, XML/XSD

Ericsson Research, Sweden

Intern, Research Engineer

Jun 2008 to March 2009

Mobile Telemedicine System - telemedicine system based on IMS/SIP platform and mobiles

- Designed and implemented the system.
Ericsson MJCF, JME, JSF, Spring, Hibernate
- Participated in internal and external demonstration of m-Health business and technology strategy.
clinical trial in Karolinska University Hospital

Wapice, Finland

Software Engineer

May 2006 to Jun 2007

AFL Data Tool - a system made for ABB to exchange and edit machine configuration files

- Took the most responsibilities in design and implementation.
C#, WebServices

Wapice Summum - an effective sales suite configurator

- Designed 3D user interface prototype.
Adobe Shockwave
- Upgraded the order and offer reporting model.
Java Swing

FinnQuest, Finland

Web Designer

April 2005 to May 2005

MTM Vaasa - <http://www.mtm-rakennus.fi/>

- Designed the front-end page.
Adobe Dreamweaver, Adobe Photoshop

OPENSOURCE
PROJECTS

PhotoBox

- **Description:** Mobile application for sharing photos among the publics.
- **Solution/Tools:** Eclipse MTJ, LWUIT, MMAPi, WMA, SpringWeb MVC, WURFL, WAP Push, JavaComm API, Flash Lite.
- **Homepage:** <http://code.google.com/p/photobox-2009/>

ACADEMIC
PROJECTS

Flight Ticket Reservation based on Web Service and BPEL

- **Solution/Tools:** NetBeans, Metro@GlassFish, WS-AT/WS-Coor, EJB/JPA, BPEL

EShop - online book store

- **Solution/Tools:** Eclipse, Struts, JDBC, MySQL, JBoss

SIPSpeaker - SIP answering agent

- **Solution/Tools:** IntelliJ IDEA, Wireshark, Java, SIP/SDP, RTP(JMF), FreeTTS

iAd - resource management system for advertising firms

- **Solution/Tools:** IntelliJ IDEA, XP, TDD, RoR

RUDP - a sliding window protocol for reliable transmission of UDP packets

- **Solution/Tools:** Eclipse CDT, Linux, C, Socket programming

Implementation of various Distributed algorithms - leader election, consensus, distributed search, spanning tree generation, mutual exclusion, and resource allocation

- **Solution/Tools:** SicsSim, TBN, Java event-based programming

ScheduleIt - extendable Eclipse RCP application for schedule management

- **Solution/Tools:** Eclipse RCP framework, Hibernate

CHARACTERISTICS

Self discipline
Team spirit
Creative thinking
Dedication to work
Enthusiasm in learning

LANGUAGE
ABILITIES

Native Chinese
Excellent verbal and written skills in English (IELTS 6.5)
Basic Swedish/Finnish

KNOWLEDGE
DOMAIN

Distributed Systems (P2P, Grid/Cloud Computing, CDN)
Telecom (GSM, GPRS, UMTS, CDMA, WCDMA, VoIP, SIP, IMS)
Network Security (PKI, SSL, Cryptography)
OSI Model and Computer Network Protocol
Electronics (IC, CAD, DSP)

TECHNICAL SKILLS

7 Years of Java Programming Experience:
Expert at JEE (JSP, JavaBeans, Servlets, EJB3, JDBC, RMI/COBRA, JMS), JSE, JME

Database:
MySQL, Oracle (PL/SQL), Microsoft SQL Server

App Server:
Apache Tomcat, Jetty, JBoss, Glassfish

Java OpenSource Framework:
Spring, Hibernate, JSF, Struts, Equinox/OSGi

SOA and Web Services:

SOAP, WSDL, UDDI, BPEL, Apache CXF, RESTful Web Services

Web Development:

XHTML, XHTML MP, HTML, CSS, Javascript, JSON, JQuery, AJAX, XML

Concept and Methodology:

Object-oriented Programming, UML, Design Patterns

Agile Software Development(Extreme Programming, Scrum)

Build/Version Control:

Apache ANT, Maven, Subversion, Mercurial, Hudson, Trac

Development Tool:

Eclipse, IntelliJ IDEA, NetBeans, MS Visual Studio

Other Programming Experience:

Python, Ruby on Rails, C#, C/C++, PHP, Erlang

Other Tool:

MATLAB, AutoCAD, PSpice, Adobe Photoshop

Documentation Tool:

L^AT_EX, Microsoft Office, Open Office

Operating Systems:

Windows, Linux, Solaris

REFERENCES

- Philip Morris
Business Development Director
Unique Cinema Systems AS
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- Peter Häkansson
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