Sike Huang

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NATIONALITY Chinese

DATA 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 2007

WORKING EXPERIENCE

Unique Cinema Systems, Norway

Java Developer   **April 2009 to Now**

Advertising Accord - an advanced back office system for screen advertising

- Combined existing cinema digital advertising distribution functionality with 35mm distribution.
  Java Web Start, Swing, JGoodies, Servlets, Apache Hivemind
- Integrated existing CRM with Novell GroupWise and Microsoft Exchange.
  JAX-PRC, Java Exchange Connector
- Refactored legacy system by introducing Spring and Apache Maven, adopt test-driven development and continuous integration.
  JUnit, Hudson, Spring ORM, Spring Web MVC

Cinema Accord - a digital screen estate administration system for exhibitor

- Developed in-house modeling tool and code generator.
  ANTLR, StringTemplate, DBDesinger, 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#, WebServics

Wapice Summium - 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.
  Abode 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, Structs, 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

LANGUAGE
ABILITY

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)
OSI Model and Computer Network Protocol

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:
Jakarta Tomcat, JBoss, Glassfish

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

Skill set of Web Service development:
SOAP, WSDL, UDDI, BPEL, Apache CXF, RESTful Web Service

Skill set of Web Site development:
XHTML, XHTML MP, HTML, CSS, Javascript, JSON, JQuery, AJAX, XML

Software Development Concept:
Object-oriented Programming, UML, Design Patterns,
Agile Software Development(Extreme Programming, Scrum)

Build/Version Control:
Apache ANT, Maven, Subversion, Hudson, Trac

Development Tool:
Eclipse, Intellij IDEA, NetBeans

Other Programming Experience:
Ruby on Rails, C#, C/C++, PHP, Erlang

Documentation Tool:
LaTeX, Microsoft Office, Open Office

Operating Systems:
Windows, Linux, Solaris

REFERENCES

- Philip Morris
  Business Development Director
  Unique Cinema Systems AS
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