

Sike Huang

CONTACT INFORMATION	Meiseveien 1 5059 Bergen Norway	<i>Tel:</i> +47 90598719 (NO) +46 762320173 (SE) <i>E-mail:</i> sike.huang@gmail.com <i>Homepage:</i> http://www.isk.kth.se/~sikeh
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 2007	
WORKING EXPERIENCE	Unique Cinema Systems, Norway <i>Java Developer</i> April 2009 to Now 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 <ul style="list-style-type: none">• Developed in-house modeling tool and code generator. <i>ANTLR, StringTemplate, DBDesinger, Java SE</i>• Implemented client and server side of the system. <i>Flex, Flexmojos, Cinnamon, Spring, Hibernate, Google Collections</i> RosettaBridge - a theatre management system <ul style="list-style-type: none">• Developed an integration service with Cinema Accord to exchange feature show and trailer booking information. <i>JAX-WS, JMS</i>• Integrated screen control and content ingest with digital cinema server from GDC Technology. <i>Java socket programming, XML/XSD</i>	

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

SOCIAL SKILLS

Self discipline

Team player

Cope with Pressure

Aware of technology trends

Excellent verbal and written skills in English

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

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, Mercurial, Hudson, Trac

Development Tool:

Eclipse, IntelliJ IDEA, NetBeans, MS Visual Studio

Other Programming Experience:

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
Småstrandgaten 3, 5014 Bergen, Norway
+47 92857830
phil@ucs.no
- Peter Häkansson
Senior Research Engineer
Ericsson Research
Frgatan 6, Stockholm 16440, Sweden
+46 107134823
peter.hakansson@ericsson.com
- Pasi Tuominen
Managing Director
Wapice Ltd
Yliopistonranta 5 (3rd door), FI-65200 Vaasa, Finland
+358 405793932
pt@wapice.com
- Ghodrat Moghadampour
Principal Lecturer
Vaasan ammattikorkeakoulu
Wolntie 30, FI-65200 Vaasa, Finland
+358 407616223
ghodrat.moghadampour@puv.fi

Last updated: May 22, 2010
<http://www.isk.kth.se/~sikeh/CV.pdf>