

## Sike Huang

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CONTACT INFORMATION	Friherregatan 48, 2tr 16558 Hässelby Sweden	<i>Tel:</i> +46762320173 <i>E-mail:</i> <a href="mailto:sike.huang@gmail.com">sike.huang@gmail.com</a> <i>Homepage:</i> <a href="http://www.isk.kth.se/~sikeh">http://www.isk.kth.se/~sikeh</a>
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	<b>Royal Institute of Technology / Kungliga Tekniska Högskolan (KTH), Stockholm, Sweden</b>  Master of Science, Software Engineering of Distributed Systems September 2007 - May 2009  <b>Vaasa University of Applied Sciences / Vaasan ammattikorkeakoulu (VAMK), Vaasa, Finland</b>  Bachelor of Engineering in Information Technology, Major: Software Engineering Minor: Telecommunication Engineering September 2003 - May 2008	
WORKING EXPERIENCE	<b>alaTest, Sweden</b>  <i>System Developer</i> <span style="float: right;"><b>April 2005 to May 2005</b></span>  <b>MTM Vaasa</b> - <a href="http://www.mtm-rakennus.fi/">http://www.mtm-rakennus.fi/</a> <ul style="list-style-type: none"><li>Designed the front-end page. <i>Abode Dreamweaver, Adobe Photoshop</i></li></ul> <b>Unique Cinema Systems, Norway</b>  <i>Java Developer</i> <span style="float: right;"><b>April 2009 to Now</b></span>  <b>Advertising Accord</b> - an advanced back office system for screen advertising <ul style="list-style-type: none"><li>Combined existing cinema digital advertising distribution functionality with 35mm distribution. <i>Java Web Start, Swing, JGoodies, Servlets, Apache Hivemind</i></li><li>Integrated existing CRM with Novell GroupWise and Microsoft Exchange. <i>JAX-PRC, Java Exchange Connector</i></li><li>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></li></ul> <b>Cinema Accord</b> - a digital screen estate administration system for exhibitor <ul style="list-style-type: none"><li>Developed in-house modeling tool and code generator. <i>ANTLR, StringTemplate, DBDesigner, Java SE</i></li></ul>	

- 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:**

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

**Other Tool:**

MATLAB, AutoCAD, PSpice, Adobe Photoshop

**Documentation Tool:**

L<sup>A</sup>T<sub>E</sub>X, Microsoft Office, Open Office

**Operating Systems:**

Windows, Linux, Solaris

## REFERENCES

- Philip Morris  
Business Development Director  
Unique Cinema Systems AS  
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