

# Yiman Song

213 N River St #3  
Ypsilanti, MI 48198  
(734) 330-0403  
[yiman.song@gmail.com](mailto:yiman.song@gmail.com)

Looking for professional experience in areas of Geographic Information Systems, Remote Sensing, database management, and web development.

## ACADEMIC BACKGROUND

---

- Master of Science in Geographic Information Systems, estimated graduate in April 2010 GPA:3.9+  
Department of Geography & Geology, Eastern Michigan University, Ypsilanti MI
- Bachelor of Technology in Geographic Information Systems, July 2007 GPA:3.52  
Department of Survey Engineering, Heilongjiang Institute of Technology, Harbin, China

## SKILLS

---

**Specialized Skills** - ArcGIS Desktop 9.x, ArcIMS 9.x, ArcGIS Server 9.x, ERDAS 9.x

**Software** – MS Office, SQL Server, Visual Studio, Photoshop, Adobe Flex, Dreamweaver, MapInfo 7.0, AutoCAD

**Desktop Development** – C#, VB, VBA, ArcObjects

**Web Development** - HTML, XML, JSP, ASP.NET, ActionScript, JavaScript

## PROFESSIONAL EXPERIENCE

---

**Institute for Geospatial Research & Education** Ypsilanti MI 01/07/2008 - Present  
<http://igre.emich.edu/> **GIS Technician**

- Designed, developed and maintained GIS websites (familiar with ArcGIS Server and web programming)
- Worked with windows servers for better performance of GIS websites
- Created, edited, and analyzed GIS data using ArcGIS, managed GIS databases using ArcSDE and SQL Server
- Analyzed remote sensing data using ERDAS, and assisted research projects with geo-statistical analysis
- Designed maps for federal government grant projects and city clients
- Technical writing and procedure documentation, performed QA/QC (Quality Assurance/Quality Control).

**Chengdu Antukedi IT Co., Ltd.** Chengdu, China 07/01/2007 - 12/05/2007  
<http://www.giskd.com/> **Assistant Project Manager**

- Assisted in developing technical guides to improve workflow and apply Best Management Practices
- Developed geoprocessing models for analyzing data for Chinese Bureau of Land Management
- Performed Quality Assurance and Quality Control (QA/QC) on various GIS products
- Provided translation assistance for English-speaking customers, leading to a better needs analysis.

**Heilongjiang Institute of Technology** Harbin, China 09/01/2006 - 06/10/2007  
<http://www.hljit.edu.cn/> **Research Assistant**

- Assisted professors in reviewing and summarizing literatures for research methodology design
- Software development (using ArcObjects and C#.NET) and software testing
- Collected field data with surveying engineers, and was in charge of importing the data into geodatabase.

**Harbin Lannou Digital Ltd.** Harbin, China 07/01/2006 - 08/31/2006  
<http://www.lannuo.com.cn/> **Web Developer Intern**

- Maintained, re-designed and updated company website
- Analyzed and managed large AutoCAD data
- Conducted Radiometric Correction on raw Digital Orthophotos, and processed large scanned image data.

## **PUBLICATION & ACHIEVEMENTS**

---

- Primary author of the published paper “Study on Digital Urban Planning System Based on WebGIS” on the Journal of Geomatics & Spatial Information Technology, 2008 Vol.31 No.1 P.39-42
- Cartographer for the federal funded project “Investigation of Peripheral Areas of the 1812 River Raisin Battlefield”, Heidelberg College & Eastern Michigan University (EMU), 2008-2009
- Main Developer of the interactive crime mapping website for the City of Ypsilanti and EMU, Institute for Geospatial Research & Education (IGRE), 2009 (<http://geodata.acad.emich.edu/Crime/Main.htm>)
- Developer of the interactive campus map for Eastern Michigan University, IGRE, 2009-Present (<http://mapservices.igre.emich.edu/CampusLife/>)
- Participated in the research “Coupled Remote Sensing and Biological Monitoring of Invasive Plant Species and Their Impacts on the Detroit River International Wildlife Refuge” granted by NASA, IGRE, 2009-Present