

YICHI LIU

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EDUCATION

- Texas A&M University**, College Station, TX May 2013
Master of **Urban Planning**
Certificate in **Transportation Planning**
- Zhejiang University**, Hangzhou, Zhejiang, China Jun 2011
Bachelor of Science in **Geographic Information System**

SKILLS

Software: ArcGIS, ERDAS IMAGINE, AutoCAD, Google Sketchup, Illustrator, Photoshop, SPSS, Visual Studio, SQL Server, Microsoft office
Programming Languages: C/C++, C#, SQL
Foreign Language: Chinese (fluent)

WORK EXPERIENCE

- Transportation Service, Texas A&M University**, College Station, TX Aug 2012 - Present
GIS Technician
- Developing an interactive campus parking map using ArcGIS Server and Java platform.
 - Manage the database for over 190 parking garages/lots on campus.
 - Collaborate with staff from other departments to generate specific maps for events that can change from week to week.
 - Work in the special events as cashier and help to organize parking.
- Texas General Land Office**, Austin, TX May 2012 - Jul 2012
Intern
- Participated in gathering information from different research for Coastal Resource Program.
 - Helped to manage geo-database and geo-referenced data.
 - Worked with specialists from various realms to produce map products for specific demands.
 - Compiled spatial information into hardcopy and electronic visualization products.
- Hangzhou New Oriental School**, Hangzhou, China Dec 2010 - May 2011
Teaching Assistant
- Assigned and graded the homework.
 - Held Q&A session.
 - Coordinated with other teachers to hold the class sessions.
- Zhejiang Mapping and Geographic Information Bureau**, Hangzhou, China Aug 2010
Intern
- Collaborated with Land and Resources Bureau.
 - Carried out the Second National Land Survey of Zhejiang Province.
 - Investigated and analyzed the current land use condition in Jiaxing.
- Summer Social Practice**, Wuyi, China July 2008
Community Worker
- Investigated the living behavior of farmers in Wuyi.
 - Helped the farmers understand the national policy about agricultural land.
 - Honored "School Outstanding Team" (top 15 %).

PROJECTS

Comprehensive Plans for Gonzales, TX and Navasota, TX

Aug. 2012 - Present

- Focusing on transportation and urban design elements.
- Responsible for the GIS analysis.
- Finished the State of Community for both cities with group members.

Bike Share Program

Aug. 2012 - Dec. 2012

- Participated in basic data collection for the newly developing "Campus Bike Share Program" at Texas A&M University campus.
- Responsible for transportation modeling.
- Established suitability analysis in GIS.
- Made suggestions for locations of bike kiosks, which have been accepted by client.

Smart Delivery System

Aug. 2010 - May 2011

- Developed a Web-GIS application "Smart Delivery System", based on .NET platform, to allow students on campus to inquiry surrounding shops and make orders and to produce the shortest delivery routes for the delivery.
- Implemented the interface of ArcGIS, got access to a simulated database, and created a school map, obtained spatial analysis functions; made receiving and managing orders functions available for the sellers.
- Attained the connection of the system to the Internet and made an on-line version.

The 3D Virtual Model of Zijingang Campus of Zhejiang University

May 2009 - May 2010

- Built the model for 20 buildings in Zijingang Campus.
- Attained watching, roaming and other basic function by Google Sketchup, let users be able to view the school in a virtual mode, obtained grade A (top 10%).

Research of Folk Custom in Hangzhou

May 2009 - May 2010

- Made a questionnaire survey and collected 300 responses about knowledge of folk custom at every main tourist attraction in Hangzhou.
- Used principle component analysis to access the major effects of folk customs to the number of tourists. Concluded that folk customs could benefit the tourism, obtained grade A (top 10 %).

LEADERSHIP & ACTIVITIES

American Planning Association, member

Association of Student Planners, Texas A&M University, international students liaison

Dept. of Culture and Sports, Students Union of Department of Earth Science, Zhejiang University, Secretary

AWARDS & SCHOLARSHIPS

Professional Scholarship of Zhejiang University

2007-2008, 2008-2009