### LU WEI

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lw1990.name

Research Interests Spatial Cognition, Urban Environment, Cartography and Geovisualization

**EDUCATION** 

Wuhan University, Wuhan, Hubei, P. R. China

MPhil-Ph.D Cartography and Geographical Information Engineering, 2012-2017

- Advisor: Tinghua Ai, Ph.D.
- GPA: 3.63/4

B.S., Geographical Information System, June 2012

- Topic: Parametric Representation of GIS Line Feature Based on Bezier Curve
- Advisor: Tinghua Ai, Ph.D.
- GPA: 87.7/100, Rank: 2nd

Research and • Research Assistant

Sep. 2012-Present

Work EXPERIENCE School of Resource & Environmental Sciences, Wuhan University

Director: Tinghua Ai, Ph.D

Duty: Chief technician in the project Complex and Massive Geospatial Data Visualization and Map Making

• Research Assistant

Nov. 2011-May 2012

School of Resource Environmental Sciences, Wuhan University

Director: Song Ying, Associate Professor

Duty: Thematic maps design and making in an atlas

• Administrative Assistant

Oct. 2011-Present

School of Resource & Environmental Sciences, Wuhan University

Director: Liu Xiao, Teaching Secretary

Duty: Graduates recruitment, Curriculum management, Archives management

### **PUBLICATIONS**

- 1. Min Yang, Tinghua Ai, Wei Lu, and Xiaoqiang Chen. "A Real-time Generalization and Multi-scale Visualization Method for POI Data in Volunteered Geographic Information." Acta Geodaetica Et Cartographica Sinica 44.2(2015):228-234. [In Chinese]
- 2. Wei Lu, Tinghua Ai. "Multi-Dimensional Mapping of Environmental Monitoring Data Air Quality in China". [Under Revision].

## Honors

• Graduate student fellowship from Wuhan University.

Sept. 2012-present

• Graduate with Honor of Wuhan University.

Jun. 2012 Dec.2010

- Merit Student with Second-class Scholarship of Wuhan University. • National Endeavor Fellowship.
- Dec. 2009

- Dec.2009
- Merit Student with First-class Scholarship of Wuhan University. • Second Prize, Contemporary Undergraduate Mathematical Contest in Modeling.
- Nov. 2010
- Third Prize of Hubei division, Chinese Mathematics Competitions.

- Nov. 2009 Nov. 2011
- Winner's Prize, ESRI Cup of College Student GIS Software Development Contest.

# TECHNIQUES

Computer Skills:

AND SKILLS

- Working OS: Linux, Microsoft Windows
- Current Woking Lang: Python, C, C++, JavaScript, HTML, LATEX ect.

ENGLISH TESTS • TOFEF: 91 IBT at May 2014

• GRE: **321** at Sept. 2014

- SIDE PROJECTS Air Now: Real Time Air Quality Map of China, see http://mapviz.xyz:8080
  - Air History, 2014: Historical Air quality visualization of China cities. see http://lw1990.name/airmap/
  - aspen: a personal web content management system based on webpy: http://lw1990.neme

# Hobbies

I enjoy reading in my spare time. Football is my favorite sport and won some honors with my team. And I love bicycle traveling when I have time.