

Jiao Ma

Website and Portfolio: jma10.com

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SKILLS

Cartography + Creative Design

Adobe Creative Suite, Carto,
Mapbox Studio, SketchUp,

Geospatial Tools

ArcGIS, QGIS, Postgres / PostGIS
GeoServer, ERDAS Imagine
OpenStreetMap Stack

Programming

JavaScript, HTML / CSS,
Python, SQL

Version Control

Git + Github

Operating Systems

Windows 10
Ubuntu 14.04

Languages

English, Chinese

AWARDS & ACTIVITIES

OpenStreetMap Mapathon

Volunteer

George Mason University | 2015

Academic Merit Award

Beijing Forestry University | 2012

3rd prize, National College GIS Skills Competition

Beijing, China | 2011

Outstanding Student Scholarship

Beijing Forestry University | 2010

WORK & RESEARCH EXPERIENCE

GIS Technician

George Mason University | October 2016 to Present

- ✧ Organize Geospatial databases. Collect and Import utility data through different paths.
- ✧ Output quality creative maps to meet utility client needs.

Research Assistant

Institute of Geographical Science and Natural Resources Research
Chinese Academy of Science | July 2013 to January 2014

Research Assistant

Department of Geography Information Science
Beijing Forestry University | July 2010 to August 2011

EDUCATION

Master of Science in Geographic and Cartographic Sciences

George Mason University, Fairfax, VA | 2017

Thesis: "Visualizing Historical Sites – A Case Study of the U.S. Capitol"

Bachelor of Science in Geographic Information System

Beijing Forestry University, Beijing, China | 2013

PROJECTS

2015 Global Aging Trend

- ✧ Visualized 2015 global aging data from open data source World Bank.
- ✧ Completed an interactive map to show the population percentage ages 65 and older for 261 countries and areas in the world.

Starbucks Locator in the U.S.

- ✧ Manipulated open source Starbucks data and published it through Geoserver.
- ✧ Created a web map and data visualization