Jiao Ma

Website and Portfolio: jma10.com

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SKILLS

Cartography + Creative Design
Adobe Creative Suite, Carto, Mapbox Studio, SketchUp, Unity, Vuforia

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

Programming
JavaScript, HTML / CSS, Python, SQL, Linux shell

Version Control
Git + Github

Operating Systems
Windows 10
Ubuntu 14.04

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