

Neil Mudjer

Web portfolio: nsm91.github.io

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PROFESSIONAL EXPERIENCE

Burr Ridge Public Works, Burr Ridge, IL — GIS Intern

May 2016 - Current

- Created mobile GIS inventories for use with any Android device through the QField® app from QGIS.
- Updated and maintained geospatial data for the forestry, water, and streets departments, including creating atlases with ArcGIS data driven pages.
- Managed the village web GIS portal through Autodesk Infrastructure Studio.

EPS Environmental Services, Chicago, IL — Field Technician

June 2014 - January 2015

- Conducted ESA Phase II Subsurface Investigations utilizing a GeoProbe soil boring percussion hammer, including on site soil classification and field sampling for laboratory analysis.
- Handled and prepared legal documents including FOIA requests and laboratory chains-of-custody.
- Recorded the GPS coordinates of bore-holes in open spaces and imported them into QGIS Desktop.

GIS Group at UIUC, Champaign, IL — Spatial Analyst

September 2013 - May 2014

- Utilized Esri ArcGIS software to complete several projects as part of this nonprofit student consulting group.
- Created shapefiles for wetland reclamation, designed maps depicting campus bike paths, and analyzed census data for Chicago nuns.
- Worked extensively with database files, preparing them for spatial and attribute joins as well as conducting statistical analyses.

EDUCATION

Northeastern Illinois University, Chicago, IL — MA

January 2016 - Present

I am pursuing a Master of Arts in Geography & Environmental Studies concurrently with a certificate of Graduate Proficiency in GIS.

University of Illinois, Champaign-Urbana, IL — BS

September 2010 - April 2014

I received a Bachelor of Science in Environmental Sciences & Earth Systems with minors in Geography and English.

Proficiencies

Esri ArcGIS
QGIS Desktop
SQL
R Statistical Computing
Microsoft Office
GPS recording equipment

Skills

Oral Presentations
Teamwork
Written Reports

Professional Goals

Acquire additional experience with open-source GIS platforms
Master Python coding

Interests

Spatial Statistics
Wildlife Conservation
Medieval History
Outdoor Recreation