Lauren Strug

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Education

University of Minnesota-Twin Cities|M.A. Geographic Information Science
September 2017 – December 2019   Minneapolis, MN
Interest areas: spatial analysis, python programming, cartographic design

Beloit College|B.S. Geology
Aug 2011 – May 2015   Beloit, WI

Skills: ArcGIS Pro, Online, ArcGIS API for Python, ArcSDE, QGIS, Python, SQL, Arcade, HTML/CSS, GDAL, Pandas, Adobe Illustrator, Adobe InDesign

Experience

City of Brooklyn Park | GIS Intern
May 2019 - Present   Brooklyn Park, MN
- o   Creating and maintaining ArcGIS Online web apps with ArcSDE implementing Arcade through ArcGIS 10.3 to 10.6 upgrade.
- o   Automate data maintenance with Python.
- o   Custom HTML/CSS for ArcGIS Online homepage

Visible City | Freelance Geospatial Analyst & Cartographer
May 2019 - June 2019   St Paul, MN
- o   Compiling and formatting open data sources in QGIS.
- o   Geocoding, data formatting, and map production.

University of Minnesota|Teaching Assistant, Principles of GIS (Fall) & Principles of Cartography (Spring)
August 2018 - May 2019   Minneapolis, MN
- o   Validating teaching materials, exams, and editing lab assignments
- o   Writing and updating cartography labs for in-depth ArcGIS Online Cartography capabilities
- o   Lab course material uses Esri ArcGIs Pro, ArcGIS Online, ArcMap, Adobe Illustrator and IDRISI TerrSet for vector and raster processing emphasising data acquisition, georeferencing, digitization, basic concepts in GIS science, and cartographic principles.

Minnesota Pollution Control Agency|Student Worker Paraprofessional
March 2018 – January 2019   St Paul, MN
- o   Compiling current and historic well log data for superfund sites across Minnesota for the LCCMR Groundwater Contamination Mapping project, georeferencing, creating, and editing point data
- o   EQuIS database creation and maintenance
- o   Performing QC/QA processes to support metadata standardization
- o   Familiarity with Oracle

University of Minnesota|GIS Student Organization, President
May 2018 - May 2019   Minneapolis, MN
- o   Lead organizer and planner for the 18th Annual GIS Career and Networking Fair, a grant funded event open to the public to bridge the gap between students interested in GIS careers and local vendors and agencies