

Ian Helm

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EDUCATION

George Mason University

Expected Graduation: Fall 2019

B.S. in Geography; Double Minor in Geographic Information Systems (GIS) and Intelligence Analysis. GPA: 3.55/4.0

SKILLS

Geography/GIS: ArcGIS, CartoDB, GeoDA, ENVI, Trimble GPS

Programming: Python, R, MATLAB, JavaScript, Leaflet

Databases: SQL, PostgreSQL, PostGIS

Other Tools: Microsoft Office, Adobe Illustrator, SPSS

RELEVANT COURSEWORK

Geography and Analysis: Geographic Information Systems (GIS), Digital Cartography, Air Photography Interpretation, Satellite Imagery Analysis, Web Mapping, Data Science/Analytics, Quantitative Methods in Spatial Analysis, Regional Geography (China, Africa, Middle East)

Intelligence Analysis: Intelligence Analysis Techniques, Homeland Security, Global Affairs

EXTRACURRICULAR ACTIVITIES/VOLUNTEERING

Mason Mappers

September 2016 – Present

- Participated in project to improve GMU's campus map through map critiques and examining shapefiles to determine accuracy
- Involved with compiling list of addresses/companies that advertise GIS jobs in Microsoft Excel, which would be geocoded in ArcGIS as part of outreach map for the Geography and Geoinformation Science Department at GMU
- Surveyed fire hydrants located on campus using Trimble GPS technology.
- Volunteered in Mapathon session using Humanitarian OpenStreetMap to help digitize buildings, farmland and roads in the Philippines

Intelligence Community Club

November 2018 – Present

- Participated in meetings to gain more knowledge of the Intelligence Community including career opportunities

Humanitarian OpenStreetMap

November 2018 - Present

- Regularly volunteered to digitize buildings, farmland and roads on various projects to aid with disaster and humanitarian relief.

WORK EXPERIENCE

DogVacay/Rover.com

July 2014 – December 2018

Pet Sitter

McLean, VA

- Started a dog boarding/walking service to provide 24-hour care for dogs.

Bed Bath & Beyond

May 2017 – August 2017

Team Member/Cashier

Vienna, VA

- Provided customer support for health-related products. Worked as cashier and helped with restocking and cleaning of store's facilities.

Domino's Pizza

Jan 2015 – August 2015

Customer Service Representative

McLean, VA

- Took orders, operated the cash register, and dealt with customer concerns. Assisted with pizza-making and keeping the store clean.