

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: 3.58/4.0

Dean's List: (Spring 2016, Spring 2018, Fall 2018, Spring 2019)

SKILLS

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

Programming: Python, R, MATLAB, JavaScript, Leaflet

Database: SQL, PostgreSQL, PostGIS

Other Tools: Microsoft Office, Adobe Illustrator, SPSS, Tableau

RELEVANT COURSEWORK

Geography and Analysis: Geographic Information Systems (GIS), Digital Cartography, Air Photography Interpretation, Satellite Imagery Analysis, Web Mapping, Data Science/Analysis, 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
- Participated in project to create outreach map for the Geography and Geoinformation Science Department at GMU through geocoding Excel list of GIS employers in ArcGIS and helping with final cartographic work.
- 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.