

# Ian Helm

ianhelm@verizon.net | <https://ianhelm.github.io/>

## EDUCATION

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### 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

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**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

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**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

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### Mason Mappers

*September 2016 – Present*

- Participated in project to improve GMU's campus map by critiquing the current map and examining shapefiles to determine accuracy.
- Helped create outreach map for the Geography and Geoinformation Science Department at GMU by geocoding Excel list of GIS private sector employers using ArcGIS and assisting with final cartographic work.
- Helped create point shapefiles of fire hydrants located throughout GMU's campus through field surveying with Trimble GPS.
- Volunteered in Mapathon session using Humanitarian OpenStreetMap to help digitize buildings, farmland and roads in the Philippines.
- Currently serving as Vice President of Mason Mappers for the Fall 2019 Semester where I help with duties such as presenting the meeting agendas and assisting with project planning sessions.

### 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 remote volunteer to digitize buildings, farmland and roads on various collaborative projects to aid with disaster and humanitarian relief.

## WORK EXPERIENCE

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### DogVacay/Rover.com (McLean, VA)

**Job role:** Pet Sitter

*July 2014 – December 2018*

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

### Bed Bath & Beyond (Vienna, VA)

**Job Role:** Team Member/Cashier

*May 2017 – August 2017*

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

### Domino's Pizza (McLean, VA)

**Job Role:** Customer Service Representative

*Jan 2015 – August 2015*

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