

# 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/Analytics, 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 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

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### 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.