

# Ian Helm

(703) 600-9460 | ianhelm@verizon.net | <https://ianhelm.github.io>

## EDUCATION

---

### George Mason University

B.S. in Geography with a Minor in Intelligence Analysis, GPA: 3.55/4.0

*Expected Graduation: Fall 2019*

*Fairfax, VA*

## COURSEWORK CONCENTRATIONS

---

**Geography and Analysis:** Geographic Information Systems (GIS), Digital Cartography, Air Photography Interpretation, Web Mapping, Data 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*

- Participating in ongoing project to improve GMU's campus map through map critiques and examining shapefiles to determine accuracy
- 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*

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

### Humanitarian OpenStreetMap

*November 2018 - Present*

Mapping Volunteer

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

## SKILLS

---

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

**Programming Languages:** SQL, PostgreSQL, PostGIS, Python, JavaScript, Leaflet, R

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

## 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.