

Ethan Robinson
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Objective

Currently seeking a project to provide my skills as an asset to the organization and further my GIS expertise.

Education

2013 – 2017

James Madison University – 3.8 Major GPA

-BS in Geographic Science (Dual Concentration Applied Geographic Information Systems and Environmental Conservation, Sustainability, and Development)

-Gamma Theta Upsilon Member (Geographic Honor Society)

-Recipient of JMU's Second Century Stem Scholarship

-JMU Geography Club Secretary

USGIF GEOINT Certification

2018 - Present

University of Wisconsin-Madison

-MS in GIS and Web Programming

Relevant Skills

- Mapping and Analysis Using GIS (Spatial Analysis, Network Analysis, etc.)
- Structured Analytic Techniques (Analysis of Competing Hypotheses, Matrices, etc)
- Use of GPS units (Survey Grade Trimble Juno Units, Trimble Geo 5T)
- ESRI ArcGIS Certified
- Workplace Readiness Skills for the Commonwealth Certification
- Use of Intelligence Cycle to Solve Real World Issues
- ArcCollector App
- Software: ArcGIS Suite 10.3 - 10.6, ArcGIS Pro, Microsoft Office Suite, PCI Geomatica, Pathfinder Office, GDAL/OGR, QGIS, Knowledge of AWS Cloud Console
- Design: Adobe Illustrator, Adobe Photoshop, HTML, CSS, Bootstrap
- Programming: Python, Windows and Linux Command Line, SQL
- Database: PostGRE SQL/PostGIS
- Different Imagery Types: Medium & High Resolution Satellite Imagery, LiDAR, Hyperspectral, Radar
- Digital Image Processing: Change Detection, LiDAR, Image Mosaicing, etc.
- Raster/Vector Geoprocessing & Spatial Analysis: Georeferencing, Geocoding, Digitizing, Linear Referencing, Spatial Statistical Analysis, Cartographic Design, Accuracy Assessment
- Spatial Data: Acquisition of Appropriate Data, Geodatabase Management & Topology, Coordinate Systems, Data Conversion
- Great oral and written skills

Recent Work Experience (References Available Upon Request)

The MITRE Corporation

Staff Computer Science

- Geospatial Computing Specialty

Full – Time Position

August 2017 - Present

James Madison University (Harrisonburg, VA)

GIS Teaching Assistant

- Teaching assistance for introductory GIS classes

Part-Time Position

January 2017 – May 2017

Federal Bureau of Investigation (Winchester, VA)

Extended School Year FBI Honors Internship

- Professional/Criminal support for a Resident Agency out of the Richmond Division

Part-Time Position

September 2016 – May 2017

Federal Bureau of Investigation (Fredericksburg, VA)

Summer 2016 FBI Honors Internship Program

- Professional support for a Resident Agency out of the Richmond Division

Full-Time Position

June 2016 - August 2016

James Madison University (Harrisonburg, VA)

Student GIS Assistant

- Does relevant research to aid Professor in studies and assists in performing GIS analysis using ArcGIS's network analyst

Part-Time Position

January 2016 - May 2016

Mid-Atlantic Casework LLC (Fredericksburg, VA)

Cabinet Shop Assistant

- Worked toward success of the company by constructing and delivering products

Full-Time Position

Summer and Breaks of May 2009 - 2016