

# BRYAN GARNER

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Master of Science in Cartography and GIS, with a focus on emerging trends in web mapping and data visualization. Experience in UX/UI design, front-end development, project and team management, and geospatial analysis. Cleared for TS SCI (2011 to 2016).

## Education

University of Wisconsin-Madison

*Master of Science in Cartography and GIS - 4.0/4.0*

*August 2019*

Coursework focused on web map development, spatial analysis techniques, UI/UX design relevant to interactive cartography, and geovisualization.

Ithaca College

*Bachelor of Science in Emerging Media - Cum Laude*

*May 2018*

Coursework focused on Strategic Communications, Innovation, and Technology.

National Geospatial-Intelligence Agency

*Basic Geospatial Engineer Course*

*May 2012*

Completed over 620 hours of study in geodetic surveying and geospatial analysis.

- Introduction to Geospatial Engineering and Advanced Map Reading (50 hours)
- Introduction to Geographic Information Systems (GIS) and Geospatial Data (17 hours)
- Interpretation, Analysis and Processing of Remote Sensed Imagery (RSI) (119 hours)
- Introduction to Factor Overlays, Tactical Decision Aids, Synthesis of Terrain Data, Urban Analysis, Predictive Analysis, and 3-D Terrain Visualization (232 hours)
- Introduction to Weather Effects, Staff Organization, MDMP, IPB, and Briefing Techniques (22 hours)
- Command Post Exercise (Course Capstone) (186 hours)

## Professional Experience

Cornell University

*Digital Content Strategist, Intergroup Dialogue Project*

*August 2019 — Present*

- Develops visual and web-based marketing materials for offices under Cornell's Vice Provost for Undergraduate Education.
- Designs visual documentation and supplemental course material to promote the educational goals of intergroup dialogue.
- Provides feedback to internal and external contributors to guarantee that content aligns to strategy and quality standards.

United States Army

*Geospatial Engineer, 4th Brigade Combat Team (Airborne), 25th Infantry Division S2* *June 2011 — June 2015*

- Provided geospatial intelligence support to the 6 subordinate units of the 4/25 IBCT (ABN) and its headquarters.
- Managed the planning, production, and dissemination of over 300 geospatial products.
- Collected, analyzed, and processed geospatial data to aid in the production of intelligence products.
- Implemented standard operating procedures and quality controls to facilitate more efficient daily production.
- Collaborated with multiple service branches, civilian intelligence agencies, and multinational partners as part of regular operational duties, training exercises, and real-world operations.

# Technical Skills

<i>Development</i>	HTML, CSS, JavaScript, jQuery, Python, Java, Node.js, React
<i>Data Management</i>	SQL, PostgreSQL, PostGIS, MongoDB, GitHub
<i>Geospatial Analysis</i>	ArcGIS, GDAL/OGR, Leaflet, D3, Mapbox, Turf, ArcPy
<i>Creative Tools</i>	Photoshop, Illustrator, After Effects