

# ALEX THOMPSON

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Master of Science in Cartography and GIS, with a focus on emerging trends in web mapping and data visualization. Over ten years of experience in application development, business analysis, project and team management, and geospatial analysis. Adaptable attitude and a demonstrated ability to excel in fast-paced environments.

## Education

### University of Wisconsin-Madison

*Master of Science in Cartography and GIS* 4.0/4.0 September 2018

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

### National Geospatial-Intelligence Agency

*Intermediate Geographic Intelligence Specialist Course* Honor Graduate October 2014

Completed advanced courses in the fields of geodetic surveying and geospatial analysis.

*Basic Geographic Intelligence Specialist Course* Distinguished Graduate November 2012

Completed over 820 hours of study in geodetic surveying and geospatial analysis.

### Virginia Polytechnic Institute and State University

*Bachelor of Science in Business Management with a Minor in Leadership* May 2007

Coursework focused on Entrepreneurship, Innovation, and Technology. Member of the Student Government Association Student Senate, the Student Government Association Budget Board, and the Entrepreneurial Leadership Initiative.

## Professional Experience

### United States Marine Corps

*Geospatial Intelligence Chief, 3rd Marine Logistics Group G-2* April 2015 — November 2016

- Provided geospatial intelligence support to the Commanding General of 3rd Marine Logistics Group (MLG), in addition to the 12 subordinate units that make up MLG
- Managed the planning, production, and dissemination of over 500 geospatial products—a tenfold increase over the previous period
- Established a digital library to organize over 500 gigabytes of geospatial data, drastically reducing time spent on product production and maintenance
- Created standard operating procedures to facilitate faster daily intelligence production
- Led teams conducting annual training exercises and real-world operations spanning multiple countries
- Awarded the Navy and Marine Corps Commendation Medal
- Nominated for the Military Member of the Quarter award through the National System for Geospatial-Intelligence Awards Program

*Geospatial Intelligence Analyst, 3rd Intelligence Battalion*

*December 2012 — April 2015*

- Collected, analyzed, and processed geospatial data to aid in the production of intelligence products
- Produced intelligence products in support of the III Marine Expeditionary Force and the 36 countries that fall under its area of responsibility in the Asia-Pacific region
- Worked with multiple service branches, civilian intelligence agencies, and multinational partners as part of regular operational duties, training exercises, and real-world operations
- Created a specialized training program for Army analysts while attached to the 1st Special Forces Group
- Meritoriously promoted in June of 2013

**Progress Energy**

*Associate IT Analyst*

*June 2007 — June 2010*

- Connected internal customers and developers by translating business needs into technical requirements
- Coordinated with cross-functional teams to plan and execute projects
- Developed in-house enterprise software solutions using C# and ASP.NET
- Worked with vendors to implement third-party software solutions
- Managed a software product portfolio of more than a dozen applications

**Technical Skills**

*Geospatial Analysis*      ArcGIS, QGIS, Leaflet, D3, Mapbox, Turf

*Development*              HTML, CSS, JavaScript, jQuery, Node.js, React, Redux, Laravel PHP, Python, C#, .NET, Java

*Data Management*        MySQL, PostgreSQL, PostGIS, GitHub

*Key Applications*         Photoshop, Illustrator, Sketch, Unity