

NICHOLAS H. ROBERGE

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Portfolio: <https://n-roberge.github.io>



Current MS student with a background as a teacher and intelligence analyst with six years of experience in imagery analysis. Proven subject matter expert in multiple Air Force DGS (Deployable Ground Station) positions, trainer and evaluator, and experienced strategic-level analyst at the National Geospatial-Intelligence Agency (NGA).

SKILLS

Analysis	Former intelligence analyst with a TS/SCI and CI Polygraph; GIS analysis using NASA earth observations
Report Authoring	Researched and constructed thousands of intelligence reports; written technical reports for NASA
GIS Tools	ArcGIS Pro, ArcMap, Python, Java, JavaScript, ArcPy, ArcGIS JavaScript API, HTML/CSS, SQL, PostgreSQL, PgAdmin, Illustrator
Web Development	MongoDB, Express.js, React.js, Node.js

EXPERIENCE

09.2021 – 11.2021	GLOBAL WATER SECURITY CENTER – TUSCALOOSA, AL Geospatial-Intelligence Analyst <ul style="list-style-type: none">▪ Provide analytical expertise and custom visualization insights utilizing GIS and spatial modeling▪ Transform satellite, quantitative environmental, social, political, and economic data into actionable insights and solutions
09.2021 – 11.2021	NASA DEVELOP – MARSHALL SPACE FLIGHT CENTER Program Participant (Remote) <ul style="list-style-type: none">▪ Cooperated with remote team members to create technical deliverables to NASA and partner specifications in order to aid partners in environmental management.▪ Modified and utilized JavaScript-based Optical Reef and Coastal Area Assessment (ORCAA) Tool in Google Earth Engine to analyze sediment transport using NASA Earth Observations
07.2019 – 07.2021	MINAMIBOSO BOARD OF EDUCATION – JAPAN Assistant Language Teacher (English) <ul style="list-style-type: none">▪ Developed and implemented curriculum in conjunction with Japanese English teachers to conduct over 20 classes a week.

- Taught English conversation, writing, and listening for over 500 Kindergarten, Elementary and Junior High School students.
- 04.2015 – 07.2019 Various part-time work during undergraduate school
- 07.2013 – 10.2014 **NGA, EAST ASIA MARITIME SECURITY – ST. LOUIS, MO**
Imagery Analyst (Staff Sergeant), United States Air Force
 - Provided in-depth second-phase imagery analysis to accurately identify order-of-battle and activity on national and commercial imagery.
 - Authored NGA intelligence reports that provided direct support to the POTUS and his advisors via Presidential Daily Brief.
 - Selected to NGA Focus Cell in order to respond to international crisis on 24/7 dynamic, high-priority mission.
- 10.2008 – 10.2014 **UNITED STATES AIR FORCE (USAF)**
Staff Sergeant, Geospatial-Intelligence Analyst
 - Qualified in 3 DGS mission positions, intelligence evaluator and trainer, worked on 500+ various ISR (intelligence, surveillance, and reconnaissance) missions.
 - Constructed 100+ U-2 navigation plans for optimal ISR collection based on mission priorities and monitored collection during flight for sensor retaskings and navigation changes.
 - Generated graphics and relevant mission information for pre-mission briefings for U-2 crew and present mission planner briefing to command and control personnel.
 - Appointed Mission Planning Cell subject matter expert - developed training and evaluation checklists.
 - Quality controlled, reviewed and disseminated 25K+ imagery graphics and text reports in support of Operation Iraqi Freedom and Operation Enduring Freedom.

EDUCATION

- 01.2020 – 05.2022 **UNIVERSITY OF WISCONSIN – MADISON**
M.S., GIS Development
- 02.2022 – 05.2022 **DEVCODECAMP – MILWAUKEE, WI**
Certificate in Web Development
- 01.2017 – 05.2019 **ST. NORBERT COLLEGE (DE PERE, WISCONSIN)**
B.A., International Relations
- 10.2008 – 10.2014 **UNITED STATES AIR FORCE**
Imagery Analysis Course, Goodfellow AFB, TX
Distributed Common Ground System, Goodfellow AFB, TX
Airman Leadership School, Beale AFB, CA