




Matthew Schroeder

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EDUCATION

Masters in Geospatial Information Science (GPA 3.95) *May 2015*
University of Maryland – College Park, MD

Coursework: Spatial Statistics; Spatial Analysis; Digital Image Processing and Analysis; Programming and Scripting for GIS; Spatial Database System; Web programming; Mobile GIS; GIS & Spatial Modeling; Internet GIS; Advanced Remote Sensing-LIDAR.

B.A. in Geography and Certificate in Geospatial Information Science (GPA 3.22) *May 2012*
University of Montana – Missoula, MT

Coursework: Digital Cartography Principles; Field Survey Techniques; Geomorphology; Economics of Rural Areas; Thematic Cartography & GIS; Raster GIS; Community and Regional Analysis; Digital Map Design; GIS Tech in Archaeology; Spatial Analysis & GIS.

EXPERIENCE

Project Manager/Team Lead *October 2020 – Present*
CACI International – National Ground Intelligence Center (NGIC), Charlottesville, VA

- Leads a multi-disciplined intelligence team of SIGINT, IMINT/GEOINT, OSINT and Cultural Linguists in solving technical and complex problem sets that vary between projects.
- Responsible for the planning, execution, and delivery of project deliverables.
- Assists and oversees analysis used in assessing developments, trends, capabilities, vulnerabilities, and threats from foreign infrastructure and technology within the INDOPACOM region and various functional areas.
- Identifies and recommends solutions to problems with collection and analysis.
- Oversees the production of multiple technical infrastructure-centric intelligence products.
- Provides briefs to senior leadership, customers, and the wider U.S. intelligence community.
- Maintains a level of customer outreach and continuous collaboration during a project.

All-Source/Geospatial Intelligence Analyst *May 2018 – October 2020 (Promoted)*
CACI International – NGIC, Charlottesville, VA

- Produces technical infrastructure-centric intelligence products in response to complex issues related to foreign operations, capabilities, and trends within the INDOPACOM region.
- Works within a multi-disciplined team of SIGINT, IMINT/GEOINT, OSINT & Cultural Linguists.
- Queries, collects, and analyzes intelligence reporting and databases to assess developments, trends, and threats within INDOPACOM region and various functional areas.
- Uses ArcGIS to query, extract, analyze, and exploit GIS datasets to produce cartographic aids.
- Responsible for the planning, execution, and delivery of project deliverables.
- Identifies and recommends solutions to problems with collection and analysis.
- Provides briefs to senior leadership, customers, and the wider U.S. intelligence community.
- Maintains a level of customer outreach and continuous collaboration during a project.

Geospatial Intelligence Analyst *February 2017 – May 2018*
The MASY Group – Defense Threat Reduction Agency (DTRA), Fort Belvoir, Virginia

- Provided critical and timely geospatial products related to threats posed by WMDs.
- Used ArcGIS to perform spatial data analysis, and map creation for incorporation into reports/presentations used to inform senior Military and Government leadership.
- Managed the S2's ArcGIS online mapping presence and GIS databases.
- Retrieved, consolidated, and organized critical geospatial data from multiple sources.
- Presented new technologies and explained applicable use to team members and managers.
- Worked independently and alongside other GIS analysts within a high paced environment.
- Developed policies and procedures to standardize GIS utilization and implementation.
- Assisted non-GIS users in manipulating ArcGIS online infrastructure daily.

Geospatial Analyst

November 2015 – April 2016

Environmental, Engineering and Educational (EEE) Consulting – Richmond, VA

- Used ArcGIS to perform spatial analysis and data management daily.
- Designed and produced cartographic aids for reports, and briefings.
- Researched state, county, and city GIS databases and supporting documents.
- Planned and evaluated data creation, editing, analysis and quality assurance within ArcGIS.
- Collected data in the field using ArcGIS Online and handheld GPS collection platforms.
- Provided geospatial assistance in the development and implementation of action plans.
- Conducted impervious and pervious land cover analysis within client property parcels.
- Maintained company resources including geodatabases, software, and hardware (GPS).

INTERNSHIP

Advanced GIS Internship

January 2015 – May 2015

National Consortium for the Study of Terrorism and Responses to Terrorism (START), College Park, MD

- Developed GIS models to determine areas vulnerable to illicit border crossings.
- Researched and geolocated high value targets into ArcGIS.
- Briefed a multi-disciplinary group on projects involving complex GIS terminology.
- Worked alongside and guided other GIS interns and employees.

MILITARY

All-Source Intelligence Officer (Officer/Captain)

May 2015 – Present

United States Army Reserves, Charlottesville, VA

- Provides All-Source and imagery support to the National Ground Intelligence Center (NGIC).
- Coordinates, supervises, and participates in all-source intelligence analysis focusing on the intentions, and military capabilities of foreign nations, with a primary focus on ground forces.
- Researches, analyzes, and produces intelligence products in support of DoD requirements.
- Conducts imagery analysis of system employments, force structures, and spatial laydowns of foreign forces within the INDOPACOM region.
- Awarded AAM for IMINT support provided to NGIC during the FY21 Annual training.

Signal Support Systems Specialist (Enlisted/Specialist)

February 2012 – May 2015

United States Army Reserves, Fort Meade, MD

- Graduated from U.S. Army Signal Center of Excellence, Augusta, GA (2013).
- Trained in the use of CPOF, MCS, FBCB2, Blue Force Tracker (BFT), JTRS, FM & HF systems, TACSAT, COMSEC devices, SKL, LAN's and Routers.
- Maintained multiple radios, GPS and data distribution systems for classified and unclassified systems. Provided technical assistance and training when needed.

CLEARANCE

TS/SCI with CI Polygraph

ACTIVITIES

- ▶ Eagle Scout (2008)
- ▶ The Leadership, Achievement, and Service Scholarship Award (2008)
- ▶ University of Montana:
 - Dean's List (2010, 2011, 2012)
 - Department of Geography Outstanding Senior (2012)
 - International Geography Honors Club (2012)
 - Mortar Board: National College Senior Honor Society (2011-2012)
 - Student Employee of the Year Nominee (2012)
- ▶ University of Maryland Reserve Officers' Training Corps (ROTC) Graduate (2015)
- ▶ Army Reserve Commendation Medal

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