Matthew Schroeder

(240) 409-1632
mattRschroeder@icloud.com
11 Rosalyn Way, Palmyra, VA 22963

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; Programing 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
- o   Used ArcGIS to perform spatial analysis and data management daily.
- o   Designed and produced cartographic aids for reports, and briefings.
- o   Researched state, county, and city GIS databases and supporting documents.
- o   Planned and evaluated data creation, editing, analysis and quality assurance within ArcGIS.
- o   Collected data in the field using ArcGIS Online and handheld GPS collection platforms.
- o   Provided geospatial assistance in the development and implementation of action plans.
- o   Conducted impervious and pervious land cover analysis within client property parcels.
- o   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
- o   Developed GIS models to determine areas vulnerable to illicit border crossings.
- o   Researched and geolocated high value targets into ArcGIS.
- o   Briefed a multi-disciplinary group on projects involving complex GIS terminology.
- o   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
- o   Supervises imagery analysts in support to the National Geospatial Intelligence Agency (NGA)
- o   Provided All-Source and imagery support to the National Ground Intelligence Center (NGIC)
- o   Coordinated, supervised and conducted multi-INT research and imagery analysis of weapon system employments, force structures and spatial laydowns of foreign military forces.
- o   Produced 127 Geospatial products resulting in over 500 analytic imagery calls resulting in a joint NGIC and NGA publication which was briefed to the NGIC Director and senior staff.
- o   "His finished intelligence production far exceeded the expectations of the C4ISR Branch and made a significant contribution to NIGC's overall analytic output. 1LT Schroeder's analysis will be used by multiple members of the Intel Community for real world current operations." – Lieutenant Colonel Liebler, Detachment Commander
- o   Awarded Army Achievement Medal for imagery support provided to NGIC in FY21.

Signal Support Systems Specialist (Enlisted/Specialist)   *February 2012 – May 2015*
United States Army Reserves, Fort Meade, MD
- o   Graduated from U.S. Army Signal Center of Excellence, Augusta, GA (2013).
- o   Trained in the use and maintenance of multiple Army IT and communication systems.
- o   Maintained multiple radios, GPS and data distribution systems for classified and unclassified systems. Provided technical assistance and training when needed.

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

Website: https://mschrodr.github.io
LinkedIn: https://www.linkedin.com/in/schrodermatthew/