

Kevin Joseph Mathew

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WORK EXPERIENCE

- **Department of Defense (D.O.D)-National Geospatial-Intelligence Agency (NGA)**
GEOINT Analyst-Regional Geographer, September 2013-Present-Springfield,VA.
- **Environmental Systems Research Institute (ESRI)**
Solution Engineer Intern, Summer 2013-Vienna, VA
 - Assist in showcasing geospatial solutions to federal customers.
 - Demonstrate how GIS can be used to improve current workflows.
- **Department of Defense (D.O.D)-National Geospatial-Intelligence Agency (NGA)**
Geospatial Analyst Intern, Summer 2012-Springfield, VA.
 - Generated orientation graphics and listing of products for evacuation purposes.
 - Composed atlases using satellite imagery for mission specific goals.
 - Created satellite imagery products highlighting specific cities and diplomatic facilities.
 - Vetted targets/data.
- **National Aeronautics and Space Administration (NASA) Goddard Space Flight Center**
DEVELOP National Program Intern, Goddard Space Flight Center, Fall 2012-Greenbelt, MD.
 - Created graphics from shapefiles/imagery data, analyzed, evaluate CREST and ALEXI Hydrological model.
 - Researched remotely sensed evapotranspiration data for calibration into CREST and ALEXI hydrological Products.
 - Participated in routine meetings and seminars presenting weekly progress to fellow employees and supervisors.
 - Contributed to group technical paper regarding research and results.
- **National Oceanic and Atmospheric Administration (NOAA)**
Cartography Intern, June 2011- December 2011-Silver Spring, MD.
 - Prepared transportation network data for compilation onto nautical charts.
 - Used ArcGIS software used to generalize road and railroad data extracted from U.S. Census Bureau TIGER Files.
 - Applied nautical chart specification rules to thin transportation networks for various scales on NOAA nautical charts.
 - Edited roads and railroads by comparing existing chart coverage and satellite imagery with the TIGER data.
- **University of Maryland-Facilities Management**
Campus GIS Technician, September 2011-January 2012-College Park, MD.
 - Data entry and campus GIS dataset creation, GIS feature correction using aerial imagery (Pictometry), and aiding in webmapping application development.
 - Developing transportation and campus utility network datasets and updating feature class metadata and documenting geodatabase content diagrammatically.
- **U.S. Department of Agriculture (USDA) Hydrology and Remote Sensing Lab**
Remote Sensing Intern, January 2012-April 2012-Beltsville, MD.
 - Data entry, image transformations for analysis of agricultural fields of Choptank region in Maryland using bandmath.

SKILLS

- ArcGIS 10, ENVI 4.8, ARC Macro Language (AML), Microsoft Office, R- Statistical Computing Language and Environment, Computer Cartography, and Data Representation and Visualization

EDUCATION

Major: Geospatial Information Systems and Computer Cartography

Minor: Meteorology

Cumulative GPA: 3.509/4.0

Graduation Date: May 2013
College of Behavioral and Social Sciences
University of Maryland, College Park

HONORS/RECOGNITIONS

- Active D.O.D TOP SECRET (TS/SCI) Security Clearance
- ESRI Mid-Atlantic User Group Student Scholarship recipient
- Dean's List Fall 2011-Present

ACTIVITIES

- Gamma Theta Upsilon (GTU)- International Geographic Honors Society, President Fall 2011-Present
- UMD Geography Club, President Spring 2011-Present
- Dean's Student Advisory Council-GIS/Geography Representative Spring 2012
- Student Entertainment Events (SEE) Tech team Spring 2010-Present