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WORK ROLE: 32AA

WORKROLE TITLE: GEOINT Analyst (Geospatial Analysis)

WORKROLE DESCRIPTION:

GEOINT Analysts (Geospatial Analysis) analyze geospatial data from imagery, intelligence databases, and various ancillary sources in support of national security goals, concerns, and strategies. They use their understanding of geography, remote sensing, spatial analysis, GIS, intelligence issues, and the social and physical sciences to create information, characterize events, and discover relationships and trends. They develop descriptive and predictive analyses and communicate the results, meaning, and significance as written, visual, and/or oral geospatial intelligence. They may participate in the evaluation of tools and creation of customized methodologies and applications.

COMPETENCIES/KNOWLEDGES:

Skills

Adaptability	Advising/Consulting	Analytical Innovation
App Engineer Devel Test & Eval	Courage	Creative Thinking
Customer Service	Customized Product Generation	Data Analysis
Data Management	Digital Image Processing	Engaging and Collaborating
Ethics	Exploring Alternatives	Extraction & Attribution
Geographic Network Analysis	Image Interpretation	Influencing
Information Dissemination	Initiative	Intel Conclusion Formulation
Interpersonal Skills	Leadership	Learning
Mensuration	Multi-media Communication	Oral Communication
Organizational Representation	Predictive Intel Judgements	Quality Assurance
Research/Information Gathering	Resource Management	Shortfall Identification
Situational Awareness	Spatial Analysis	Statistical Analysis
Synthesis	Visualization	Written Communication

Knowledges

Accuracy assessment concepts	Cartographic principles	Change detection techniques
Customer requirements	GIS concepts & operations	Geography-cul/econ/pol
Grids, proj, datum, coord, etc	Image interpretation principle	Imagery collection and tasking
Intelligence issues	NGA mission, vision, etc.	NGA organizational structure
NGA policies & procedures	NGA products and services	Orthorectification techniques
Other-source info app & utility	Photogrammetry	Release and disclosure policie
Remote sensing	Reporting formats and guidance	Security class and control
Sensor proc cap & app	Sensor technologies	Technical/military terminology
Terrain analysis	Trend analysis techniques	Triangulation
Vector analysis techniques		

EDUCATION/LICENSES/CERTIFICATIONS:

"A. Education: Bachelor's degree in a Cartography, Geography, Geographic Information Systems, Physical Science, Mathematics, Statistics, or a related discipline. -OR- B. Combination of Education and Experience: A minimum of 24 semester (36 quarter) hours of coursework in any area listed in option A plus additional experience that demonstrates the ability to successfully perform the duties associated with this work. As a rule, every 30 semester (45 quarter) hours of college work is equivalent to one year of experience. Candidates should show that their combination of education and experience totals 4 years. An emphasis in GIS is desired. -OR- C. Experience: Six years of significant applied experience in a geospatial analysis field that includes the use of current GIS tools, methods of research and analysis, application of cartographic principles, and work related to the fields listed above.

ENVIRONMENTAL/PHYSICAL REQUIREMENTS:

Distinguish principal colors and shades/hues of principal colors
Far visual acuity of 20/30 or better binocular with or without corrective
Near visual acuity of 20/20 or better with or without corrective lenses
Stereopsis ability