

Report ID: NIHR148
Report Date: 04/29/2009
Database:

Page No : 1
Run Time: 07:19:02

WORK ROLE: 26AG

WORKROLE TITLE: GEOINT Analyst (Imagery Science)

WORKROLE DESCRIPTION:

GEOINT Analysts (Imagery Science) apply advanced techniques to determine the intelligence and geospatial information contained in imagery. They develop algorithms, evaluate tools, and create customized methodologies and products to address a variety of geospatial intelligence problems. They typically specialize in precision mensuration, radar, spectral, infrared, and other specialized collection systems.

COMPETENCIES/KNOWLEDGES:

Skills

Adaptability	Advising/Consulting	Analytical Innovation
Courage	Creative Thinking	Customer Service
Data Analysis	Digital Image Processing	Engaging and Collaborating
Ethics	Exploring Alternatives	Influencing
Information Dissemination	Initiative	Interpersonal Skills
Leadership	Learning	Mensuration
Multi-media Communication	Oral Communication	Organizational Representation
Process Analysis & Improvement	Prototyping	Quality Assurance
Quantitative Analysis	Research/Information Gathering	Resource Management
Sensor Diagnostics	Shortfall Identification	Situational Awareness
Special Collection Support	Synthesis	Technology Evaluation
Verification & Validation	Written Communication	

Knowledges

Advncd coll & exploit tchnqs	GIS concepts & operations	Image interpretation principle
Image reqs mngt princ & procs	Imagery collection strategies	Imagery rating scales
Intel coord practices & prclds	Intelligence issues	NGA mission, vision, etc.
NGA organizational structure	NGA policies & procedures	NGA products and services
Phenomenology	Quant/qual modeling tchnqs	Release and disclosure policie
Reporting formats and guidance	Security class and control	Sensor proc cap & app
Sensor technologies	Software test prncpls & prcdrs	Stereo imagery processing
Technical development trends	Technical specs, srcls & appls	Technical/military terminology

EDUCATION/LICENSES/CERTIFICATIONS:

A. Education: Bachelor's degree in Engineering, Imagery Science, Mathematics, Physical Science, 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 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.

ENVIRONMENTAL/PHYSICAL REQUIREMENTS:

Distinguish principal colors and shades/hues of principal colors
Far visual acuity of 20/60 or better binocular with or without corrective
Near visual acuity of 20/20 or better with or without corrective lenses
Stereopsis ability