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Page No : 1  
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WORK ROLE: 27AI

WORKROLE TITLE: Advanced Visualization Specialist

WORKROLE DESCRIPTION:

Advanced Visualization Specialists design, produce, and finish technologically sophisticated animated and interactive products. They use data extraction, image analysis, 3-D illustration, and advanced computer software packages to develop and/or modify precision softcopy and web products.

ODNI CORE COMPETENCIES FOR ALL EMPLOYEES OF THE INTELLIGENCE COMMUNITY:

Adaptability	Building Professional/Technica	Continual Learning
Creative Thinking	Enterprise Perspective	Exploring Alternatives
Influencing/Negotiating	Information Sharing	Interpersonal Skills
Multi-media Communication	Oral Communication	Policy and Directives
Resource Management	Respect for Diversity	Situational Awareness
Synthesis	Written Communication	

WORKROLE FUNCTIONAL COMPETENCIES:

Skills

Advising/Consulting	Customer Service	Data Management
Geospatial Product Development	Image Interpretation	Media Equipment Operations
Mensuration	Negotiation	Process Analysis and Improveme
Quality Assurance	Research/Information Gathering	Technology Evaluation

Knowledges

2-D design techniques	3-D design techniques	Digital file compression rqmts
Digital image file formats	Digital troubleshooting technq	Digitizing techniques
Ethical conduct Gvt employees	Feature extraction techniques	GIS applications and utility
Graphic design principles	Image enhancement techniques	Imagery & terrain data sources
Interactive architecture	Media production processes	Multimedia presentation technq
NGA doc & pub prcdrs	NGA org, missions, & vision	NGA product specifications
NGA products and services	NGA security plcy & prcds	NGA standard file name convts
Production equip capabilities	Quality control & inspec prcds	Software code modification
Visual communication techniqs	Web-based technologies & cncpt	

EDUCATION/LICENSES/CERTIFICATIONS:

A. Education: Two-year degree in Animation, Drafting, Imagery Science, Gaming, Visual Communication, or a related field.  
-OR- B. Combination of Education and Experience: A combination of education in any area listed in option A and 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 to 2 years.

ENVIRONMENTAL/PHYSICAL REQUIREMENTS: