



# EXPLORE NGA

## DATA & VISUALIZATION CAREERS



### WHERE STRATEGY, ANALYTICS, AND VISUAL ART COLLIDE

The National Geospatial-Intelligence Agency (NGA) is a U.S. intelligence and combat support agency that provides policymakers, warfighters, intelligence professionals and first responders key information and insights. Whether you're developing interactive applications or producing innovative products, a career with NGA helps protect our nation and our world.

## DATA & VISUALIZATION OPPORTUNITIES

### Data Management Occupation

Evaluate, prepare, load, manage, monitor, maintain and provide data to make it available for analysis while also ensuring it meets standards and customer requirements.

- Database Manager
- Data Steward

### Data Science and Analysis Occupation

Create and apply methods and techniques for analyzing big data and complex data sets through statistics, scripting and visualization techniques.

- Analytic Methodologist
- Data Analyst
- Data Scientist

### Data Engineering Occupation

Design and create the databases, processing systems, and data pipelines by which data is loaded, maintained, and made available to our customers.

- Data Engineer

### Visualization and Web Occupation

Apply various means of visualization, presentation or conveyance to make data or intelligence available and understandable to our customers.

- Advanced Visualization Specialist (3D Animation, 3D Modeling)
- Content Manager
- Imagery Production Specialist
- Model Maker
- Multimedia Specialist
- User Experience Architect
- Visual Information Specialist (Graphic Design)
- Web Designer

### TO QUALIFY

Relevant degrees may include: applied mathematics, computer science, engineering, graphic design, photography, physical science, statistics, visual communication or other related area of study.

Relevant experience may include: applied mathematics, computer science, engineering, graphic design, photography, physical science, statistics, visual communication or work in a closely related area that may be considered in lieu of a relevant degree.

### KEY COMPETENCIES

Key competencies may include, but are not limited to: data analysis, data/information processing and management, data preparation, graphic design, information dissemination, quality assurance, researching, scripting and coding, technology evaluation and visualization.

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