#### Robert Garcia

117 Stoney Ridge Ave

Suffolk, Virginia 23435 United States

Mobile: 7576905109

Email: robertgarcia792@yahoo.com

**Availability:** 

Job Type: Permanent, Telework Work Schedule: Full-time

**Work Experience:** 

**Tomahawk Mission Planning Analyst** 

Cruise Missile Support Activity, Atlantic (This is a federal job)

7941 Blandy Rd

Norfolk

Norfolk, VA

8/2022 - Present

Salary: \$3,214.00 USD Bi-weekly

Hours per week: 40

**Series:** 2101 Transportation Specialist

Pay Plan: GS - General Schedule (Ch. 51, 5 U.S.C.).

Grade: 12

# **Duties, Accomplishments and Related Skills:**

Continued engagement with two \$2M+ Small Business Innovation Research (SBIR) initiatives, including the deployment & operation of an on-site prototype for an advanced imagery management capability, while simultaneously learning Linux commands to utilize the prototype with six days of on-site support.

Identified three critical deficiencies during annual evaluations of Navy numbered fleets and took steps to correct each of them, one of which included the largest transfer of GEOINT foundation data ever provided from CMSA to a supported deployed team by utilizing SQL queries and ArcGIS Pro to identify what gaps in the foundational data were present.

Coordinated with NGA Navy DRO to establish better collection requirements over more sophisticated technology, increasing overall capability in managing image collection requirements.

Supervisor: Jack Granger (757-836-5065)

Okay to contact this Supervisor: Contact me first

# Imagery Analyst Supervisor 30th Intelligence Squadron

Langley AFB Hampton, VA

1/2021 - 8/2022

Salary: \$1,618.13 USD Bi-weekly

Hours per week: 40

#### **Duties, Accomplishments and Related Skills:**

Hand selected to led a team of 6 Airmen to stand up an emergency team in under 24 hours and provide near-real time intelligence in support of NEO operations in Afghanistan which resulted in DGS-1 analysts creating 15 products and alerting ground forces to 9 potential threats and the safe evacuation of 122,300 personnel.

Managed a team of 13 individuals across multiple Air Force Specialties and oversaw the production and analysis of daily and weekly activity products, deep-dive intelligence products, and disposition of forces products.

Identified gaps in analytic tradecraft and began processes for increasing imagery skillset by implementing bimonthly NES intelligence reports and focusing on training for preparation of NGA GEOINT Professional Certifications.

Promoted to Quality Control analyst and then team GEOINT lead after 8 months against 11 peers. Duties included team standardization, innovative processes, and workflow, and being the SME on GEOINT tradecraft and methodologies.

Russia Maritime Analyst
JIOCEUR Analytic Center (JAC)

RAF Molesworth Cambridgeshire

4/2018 - 1/2021

Salary: \$1,618.13 USD Bi-weekly

Hours per week: 40

# **Duties, Accomplishments and Related Skills:**

Conducted a one-year imagery intelligence data analysis project on five targets in 3 areas of responsibility to fulfill an intelligence gap and commander priority intelligence requirement, utilizing Cedalion and NES research leading to over 1000 Structured Observation Management data points being created.

Led the implementation of advanced, modernized analytics by trialing new technology capabilities never-before used by the NGA, improving quality and quantity of Initial Phase Intelligence Reports, saving 730 hours annually within the branch, and ensuring the error rate stayed below 1% ultimately leading the NGA to introduce the new analytics across multiple NST's.

Exploited 8,000 images from national technical means and airborne assets, authoring and performing quality control analysis for 1,400 Initial Phase Intelligence Reports to provide indications and warning as a watch analyst.

Revised 168 reportable naval order of battle within the primary analytic reference tool and established new baseline SOP requirements to meet new analytical modernization.

**Geospatial Analyst** 

20th Expeditionary Special Operations Squadron

Irbil International Airport Irbil, AR

11011,1111

8/2017 - 1/2018

Salary: \$1,100.00 USD Bi-weekly

Hours per week: 40

## **Duties, Accomplishments and Related Skills:**

Analyzed 18,000 kilometers of austere terrain data for 20 CV-22 crew members for three task force operations over a 120-day deployment, identifying safe exfiltration routes for 51 special operations forces which resulted in 7 enemies killed in action and 151 sensitive items collected against ISIS.

Assisted in joint mission planning by identifying helicopter landing zones across 11 designated areas, enabling 950 flight hours and the movement of 730,000lbs of equipment and 4000 personnel.

**Geospatial Analyst 56th Special Operations Intelligence Squadron** 

Cannon AFB

Cannon AFB, NM

4/2014 - 4/2018

Salary: \$1,100.00 USD Bi-weekly

Hours per week: 40

# **Duties, Accomplishments and Related Skills:**

Developed a 16-item standard operating procedure for using Socet GXP and ArcGIS, becoming standard training material for two AFSOC Wing imagery shops and decreasing the production timeline for all products by 75%.

Developed various cartographic products in support of tactical and strategic level operations and analysis using various tools and programs such as ArcGIS, QTModeler, and terrain data, as well as ensuring accurate datums and projected coordinate systems were used.

Prepared for contingency operations and deployments by creating AOR maps depicting key lines of communication, airfields, and ports; force protection graphics of two US air bases briefed to a Security Forces Squadron; and possible employment zones of adversary weapon systems in relation to two US air bases.

Created and delivered 472 pre-mission briefs to 236 RPA aircrew over the course of 1000 hours, providing current air threats and target information through SIPR, SOCRATES, and SOIS systems.

#### **Education:**

Old Dominion University - Masters of Science Norfolk, VA United States

Master's degree 5 / 2025

Major: Data Science and Analytics

Arizona State University - Bachelors of Science Arizona State University, AZ United States

Bachelor's degree 5 / 2023 **GPA:** 3.89 of a maximum 4.0

Credits Earned: 135 Semester Hours

Major: Geographic Information Science Honors: Summa Cum Laude

#### **Relevant Coursework, Licenses and Certifications:**

Increased my understanding of Python from the programming principles of GIS I/II (GIS222/322), creating web maps using Folium, and performing analytics using pandas, numpy, and geopandas. Created multiple cartographic maps using techniques learned from cartography and georepresentation (GIS 341), using SQL to create visualizations based on selecting data from larger databases for three separate capstone projects in GIS205/211/311. Became more confident in understanding advanced statistical analysis from GIS270/470/471, learning various concepts such as OLS regression and Global and Local Morans I and applying them to real-world scenarios while also using R to perform various statistic techniques.

Community College of the Air Force - Associates of Applied Science Maxwell AFB, AL United States

Associate's degree 11 / 2019 **GPA:** 3.0 of a maximum 4.0

**Credits Earned:** 64 Semester Hours

Major: Intelligence Studies and Technologies

**Relevant Coursework, Licenses and Certifications:** 

Intelligence Fundamentals Geospatial Intelligence Fundamentals

### **Additional Information:**

GEOINT Professional Certification- Fundamentals GEOINT Professional Certification- Imagery Analyst II