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Tanner B. Overcash, GPC-F

Geospatial Analyst USMC - Geospatial Technician Delta State University

PROFESSIONAL OVERVIEW

My background as a **Geospatial Analyst**, my **training from the National Geospatial Intelligence Agency** in Geospatial Analysis and Geodetic Surveying, and my **current TS/SCI** clearance will prove to be extremely beneficial as a skill set for any apprentice level analyst positions. I've had the opportunity to **prepare and deliver briefs** to end users, clients, and upper-level management as well as provide insight into how to streamline production. I have experience in **reporting methods, data management, crisis support, and imagery exploitation systems**. I am also currently employed in the Geospatial Lab here at Delta State University under Talbot Brooks. My work in the lab primarily focuses on **feature extraction, data analysis, tailored product production and ongoing support for various public and federal organizations**. I also mentor and support other students other in the degree program.

EDUCATION

United States Marine Corps Military Occupational Specialty School – NGA, Ft. Belvoir, VA - April 2015 – November 2015

- National Geospatial-Intelligence Agency Course For Geospatial Analysis

Delta State University - (Current) Cleveland, MS – Current Attendance, Estimated Graduation Date Spring 2019

- BAS Geospatial Information Systems Analysis and Intelligence

Colorado State University (Planned) - Boulder, CO – Estimated Attendance Spring 2020

- MS Master of Engineering (M.E.) – Systems Engineering Specialization, Master of Science (M.S.) in Systems Engineering

GEOSPATIAL EXPERIENCE

Geospatial/All Source Analyst - Delta State University,

Delta State University is home to a Geospatial Laboratory that serves as both the backup FEMA headquarters in Mississippi and a fully functioning geospatial lab. The lab offers project support to its partners at the local and state government, the National Geospatial Intelligence Agency, US Marine Corps, Mississippi Emergency Management Agency, the United Nations, and similar. I serve as a Geospatial Technician in the lab and have directly supported FEMA rescue operations by providing rescue maps for emergency response search and rescue crews during hurricane Harvey and Irma, I am a project manager with a team of six other technicians that assist the NGA with lines of communication overlays, hydrography, product finishing, and rectification. My degree project is building a drone that assists first responders with crime scene reconstruction by collecting and analyzing LIDAR data at a local level and using this point cloud information to rebuild the crime scene, as well as other applications. Delta State University hosts (as of time of writing) the only accredited Bachelor of Applied Science in Geospatial Analysis and Intelligence in the United States.

Geospatial/All Source Analyst - National Geospatial Agency / USMC Shop, Buckley Air Force Base, Aurora, CO - 2015 - Current

At the NGA shop on Buckley Air Force Base, I create facility studies, lines of communication studies, beach landing zone studies, helicopter landing zone studies, route studies, and custom geospatial intelligence products based on requests for information assigned to the intelligence section. The intelligence is processed and exploited from geospatial data gathered by multi-source imagery reconnaissance as well as other open-source locations (Digital Globe, Google Earth, etc.). I also support current operations for the National Geospatial Agency (NGA). I work in a team of four to provide custom support to the NGA AOENR team. Operations include geospatial data collection and analysis, brief creation and delivery on the status and production of ongoing operations, working with other analysts and engineers in different fields to create tailored client products and ensuring adherence for my team to the deadlines and guidelines set by the organization and the client. I utilize my current TS/SCI clearance for this work.

Geospatial/All Source Analyst - Aerospace Defense Facility, Aurora, CO – July - August 2017

During a joint support operation between the Marine Corps and the NGA, I assisted in the creation and manipulation of geospatial data. I provided a workflow for geolocated specific point data, enabled communication between multiple agencies for a more optimized workflow, and assisted in the dissemination of products to their clients. I utilized my current TS/SCI clearance for this work.

Geospatial/All Source Analyst - U.S. Southern Command, Doral, FL – March 2016 – April 2016

I supported the U.S. Marine Forces South (MARFORSOUTH) G-2 in developing two GEOINT Country Briefs based off imagery gathered from multi-source imagery reconnaissance (commercial and national technical means) and geospatial data from national, theater, and organic databases. I also was tasked out by the G2 lead, Lieutenant Colonel Colombero, to support a multitude of smaller roles with several different products created through Fusion Analysis. I briefed multiple high-level project managers and overseers on the products (both finished and unfinished) that I had been working on. In addition, I helped the U.S. Southern Command (SOUTHCOM) GEOINT Noncombatant Evacuation Operations (NEO) team in developing NEO action plans for two countries within the SOUTHCOM area of responsibility.

GEOSPATIAL CERTIFICATIONS

- **National Geospatial-Intelligence Agency Course For Geospatial Analysis** • National Geospatial-Intelligence Agency
- **Fundamentals of Thermal Infrared (TIR) Exploitation and Analysis I & II** •National Geospatial-Intelligence Agency
- **Fundamentals of Spectral Exploitation and Analysis (MSI)** • National Geospatial-Intelligence Agency
- **Fundamentals of Geographic Information Systems** • National Geospatial-Intelligence Agency
- **Building Models for GIS Analysis Using ArcGIS** • National Geospatial-Intelligence Agency
- **Creating Web Applications Using Templates and Web App Builder for ArcGIS** • National Geospatial-Intelligence Agency
- **Basics of LIDAR** • National Geospatial-Intelligence Agency
- **Preparing For Network Analysis** • National Geospatial-Intelligence Agency
- **Using Lidar Data in ArcGIS 10** • National Geospatial-Intelligence Agency
- **Exploring Spatial Patterns in Your Data Using ArcGIS** • National Geospatial-Intelligence Agency
- **Geospatial Intelligence Requirements Management** • National Geospatial-Intelligence Agency
- **GPC-Fundamentals**

GENERAL WORK EXPERIENCE

Security Officer – **Northern Colorado Medical Center**, Greeley, CO – January 2016 – August 2016

As a security Officer, I support the medical staff with intoxicated or belligerent patients, help provide Asset Protection, ensure the safety of the ER staff with incarcerated patients, help to implement and enforce HIPAA rules and regulations, provide ground security against trespassers, and escort other medical professionals throughout the facility as need be. This job requires patience, a strong mind, and a sense of duty. I work graveyard shifts, 6pm-6am four to five nights a week. Death and fatally ill patients are a routine part of the job, so a strong sense of tact when dealing with grieving family is something I practice every shift. Left to attend Delta State University.

Verizon Wireless Customer Support – **Afni,** Greeley, CO – May 2014 – November 2014

I provided exceptional customer care for Verizon clients all over the United States, giving both technical advice as well as educating clients about their current cellular plans. This job required tact, patience, and strong communication skills. Afni provided me the opportunity to work with them until I left for boot camp later that year. I worked this job for a short time to keep busy for a short time after high school until the Intelligence spot for the Marine Corps opened in Colorado.

Best Buy Computer Repair Agent – **Geek Squad,** Greeley, CO – January 2013 – April 2014

My primary duties at Best Buy started as Home Theater consultant where I was tasked with having a fundamental knowledge of all products inside of the Home Theater department. From here, I transitioned into working for the Geek Squad as a Computer Repair agent. My primary duties as the agent were to be able to talk to the computers and computer systems that Best Buy sold and supported on a fundamental level, as well as be able to de-escalate clients from aggravated states.