

Clinton A. Cooper

Student Geospatial Technician Delta State University

PROFESSIONAL OVERVIEW

My training as a Geospatial Analyst started in 2016 and I have earned a Certificate in Geospatial Analysis and Intelligence from Delta State University (DSU). I will complete my bachelor's degree in the same in December 2018. The program at DSU is unique because a practical internship is a required degree element. My internship focused on topographic mapping and I was trained by the National Geospatial Intelligence Agency (NGA) and Hexagon to perform finishing work on the MTM-50 map series. My productivity was extremely high and I became the student project manager, leading a team of 10 fellow students while managing a \$304,000 budget (with faculty guidance). I have additional paid internship experience performing feature extraction and verification for Oak Ridge National Laboratory and digitizing experience for a USGS project. My skills include Hexagon DCS and Smart Mapping, the full suite of Esri products, Envi, Python, and advanced geospatial analytic techniques and statistics (kriging, Poisson distribution, and similar).

EDUCATION

Mississippi Community College System – various campuses, mechanical engineering, transfer to DSU

Delta State University - Cleveland, MS. Bachelor of Applied Science in Geospatial Analysis and Intelligence (planned graduation in December 2018)

GEOSPATIAL EXPERIENCE

Student Project Lead – Delta State University, January 2018-present

Plan and oversee production schedule for 200 MTM-50 map sheets for the National Geospatial Intelligence Agency
Supervise 10 student technician
Coordinate \$304,000 budget plan with faculty advisor
Perform MTM-50 finishing
Created and implemented quality assurance program and coordinate delivery to sponsor

Student Geospatial Technician – Delta State University, September 2017-January 2018

Learn and implement Hexagon DCS for finishing MTM-50 map sheets
Meet production requirements for completing most difficult sheets in less than 24 work hours
Edit contour lines, hydrography and built infrastructure data, feature names, marginalia, and similar elements

Student Geospatial Technician – Delta State University, January 2017-September 2017

Validate the placement of structures extracted using a process developed by Oak Ridge National Laboratory
Extract the location of fire stations from imagery and capture attribute data from authoritative sources
Provide crisis mapping support, including the creation of US National Grid products for FEMA Search and Rescue teams

GEOSPATIAL CERTIFICATIONS

- Certified in Digital Cartographic Studio (DCS) by Hexagon
- ESRI Courses – Currently 25+ Certifications
- Python for ArcGIS

INTERESTS

Kappa Sigma Fraternity
Fellowship of Christian Athletes
Soccer (played at the collegiate level for 2 years)