

Christopher D. Smith

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PROFESSIONAL EXPERIENCE:

Technical Program Manager, 2015 – Present

Center for Interdisciplinary Geospatial Information Technologies, Delta State University

Tasks:

- Manage contracts and finances with local, state, and federal agencies
- Manage all hardware and software requirements of the Center and troubleshoot all issues
- Oversee a file server and an ArcGIS Server which hosts enterprise geodatabases and web services while managing the Center website, AGOL account, and Facebook page
- Assisted in the development and accreditation of the Geospatial Analysis and Intelligence (GAI) degree program, am the Academic Advisor for all students pursuing the GAI degree or certificate, coordinate course scheduling, and oversee Adjunct Faculty hiring/employment
- Faculty Advisor for the GITA Student Organization and Lambda-Pi Chapter of Kappa Sigma

Senior Consultant, 2011-2015

Booze Allen Hamilton, VA

Tasks:

- Used Esri's ArcGIS software suite to produce hard and soft-copy map products for long/short-term projects and special events as a Regional Geospatial Analyst for Regions V and VI. DHS/NPPD/IP
- Supported the Homeland Infrastructure Foundation-Level Data working group (HIFLD WG)
- Supported the World-Wide Human Geography Data working group (WWHGD WG)
- Created mapping products and analyzed spatial data for clients such as the DOD, NGA, TSA, and NCS

GIS Student Technician, 2007-2011

Center for Interdisciplinary Geospatial Information Technologies, Delta State University

Tasks:

- Developed geocodable street centerlines for Bolivar, Rankin, and Madison counties
- Provided support for the development, creation, and implementation of the United States Nation Grid (USNG) style map sheets
- Served as a Teaching Assistant (TA) for GIS 201: Cartography
- Traveled the United States teaching local officials and emergency responders how to create and use USNG maps
- Member of the GIT Center's volunteer Rapid Response Team and responded to many events including Hurricane Gustav, Hurricane Dolly, and the Haiti earthquake

EDUCATION:

Master of Applied Science in Geospatial Information Technologies

- College of Arts and Sciences, Delta State University, 2016
- Committee: Yongquin Zhang (Chair), Jeffrey Reed
- Thesis: Utilizing MGRS/USNG as an Analysis Grid for Community Hazard Risk

Bachelor of Science in Interdisciplinary Studies

- College of Arts and Sciences, Delta State University, 2011

Certificate in Geographic Information Systems

- Center for Interdisciplinary Geospatial Information Technologies, Delta State University, 2010

RESEARCH INTERESTS:

- GIS in emergency services and hazard mitigation
- GIS in urban renewal and redevelopment
- MGRS/USNG adoption and adaptation in the civilian sector
- Drone automation for remote sensing
- Impact of drone development on emergency response and hazard mitigation

PROFESSIONAL CERTIFICATIONS:

- GISP – GIS Certificate Institute (GISCS), Certification #277682
- Firefighter – MS, VA and Pro Board
- Emergency Medical Technician (NREMT) – VA, expired

TEACHING EXPERIENCE:

Instructor, Delta State University, *Fall 2018*.

Courses taught:

- GIS 202 – Introduction to Geospatial Science and Technology (Undergrad)

HONORS AND AWARDS:

Most Outstanding Firefighter
Bolivar County Volunteer Fire Department
Annual Christmas Party, December 2017

Outstanding Alumnus Advisor
Kappa Sigma Fraternity
Grand Conclave, July 2017

USGIF Graduate Scholarship Winner
Presented by the United States Geospatial Intelligence Foundation
August 2016

Performance and Team Award
Presented by Booz Allen Hamilton
December 2013

Professionalism Award
Presented by DHS/NPPD/Office of Infrastructure Protection
Awarded for Service rendered during the response to Hurricane Sandy
June 2013

Map Series or Atlas – Press Copy, 2nd Place
Esri User Conference
July 2011

PUBLICATIONS:

Publication Pending

INVITED SPEAKING ENGAGEMENTS:

- Smith CD (2018), UAV and Space Technology for Disaster Emergency Response. UN SPIDER, Hanoi, Vietnam.

CONFERENCE PRESENTATIONS:

- Smith CD (2018), A New Paradigm for Post-Secondary Geospatial Education. Mississippi Geospatial Conference, Long Beach, MS.

- Smith CD and Guckes G (2018), Cartographic Web Services for Rapid Topographic Mapping – NGA/DSU Partnership. HxGN Live 2018, Las Vegas, NV.

SERVICE:

Professional Service

Response to Jacksonville, AL Tornado

Provided onsite support with collecting Initial Damage Assessment by utilizing Survey123.

Response to Hurricane Harvey and Irma

Created USNG maps and atlases for the Texas coast and Puerto Rico. Maps and atlases were distributed through USGS EROS Data Center.

Nepal Earthquake

Trained volunteers to work with Humanitarian Open Street Maps and opened the lab to the public wishing to help volunteer.

PROFESSIONAL MEMBERSHIPS:

United States Geospatial Intelligence Foundation (USGIF)

Geospatial Technology Information Association (GITA)

Mississippi Association for Spatial Technologies (MAST)

Memphis Area Geographic Information Council (MAGIC)

South Central Arc User Group (SCAUG)

Virginia Association for Mapping and Land Information Systems (VAMLIS)

Smith, Christopher curriculum vitae 5/14/2019