

Mike Adduci

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SUMMARY OF QUALIFICATIONS

Geospatial and Data Professional with 14+ years of total experience, a Bachelor's degree in Geography, and expertise in commercial digital mapping, terrain development, consulting, and team-mentoring.

- Proven ability to create global geospatial products using complex source data
- Skilled in data analysis and manipulation, web-maps, terrain modeling, and requirement gathering
- Versed in translating technical information to a variety of different audiences
- Extensive knowledge of GIS product packages and methods
- Active DoD SECRET clearance

PROFESSIONAL EXPERIENCE

BOOZ ALLEN HAMILTON 10+ years 2012 to Present

Associate - Geospatial Analyst, National Agencies Account (Chicago, IL) - Current

- Transforming NGA's global UNCLASS datasets into ArcGIS Online geospatial products
 - Maintaining web services and web maps of human geography data in response to global natural and manmade disasters
 - Curating and maintaining said human geography datasets for use in future global events
- Leading planning efforts for the World-Wide Human Geography Data Working Group (WWHGD)
 - Topic planning and executive summary writeups for geospatial data focused events
 - Creating speaker-scripts and organizing pre-event briefings to presenters
- Maintaining and updating the Homeland Infrastructure Foundation-Level Data (HIFLD) Open Data Portal in support of DHS and the online community of open data users
 - Curating national foundation-level geospatial critical infrastructure data sources within the public domain
 - Hosting open data to support community preparedness, response and recovery, resiliency, and research
- Marketing efforts to demonstrate 3D and mapping capabilities using ArcGIS, Blender, and other rendering software.
 - Generation of both geospecific and geotypical terrain models for research and development purposes
- Providing geospatial support, expertise, and professionally-assigned mentorship in a variety of data-gathering and transformation efforts

Virtual Terrain Geospatial Lead (Fort Bragg, NC)

- Leveraged TerraTools, ArcGIS, and QGIS to create 3D terrain models for use in the Army's Virtual Battlespace 3 (VBS3) virtual synthetic training environment
 - Developed large scale (100KM x 100KM) 3D terrain models for use in Army platoon-level virtual training at Fort Bragg and in support of other installations across the U.S. Army.
 - Incorporated road, building, vegetation, and vehicular models into terrain-builds to depict geospecific environments with real-life geologic features and physical urbanized locations
- Forged productive relationships with the U.S. Army's geospatial community
 - Developed awareness regarding the benefits of virtual terrain modeling and the geospatial technologies used to create them
 - Fostered relationships between stakeholders spanning Army, their contractors, and Booz Allen Hamilton's leadership

Geospatial Information Exchange Broker (Chicago, IL)

- Supported the Homeland Infrastructure Foundation-Level Data (HIFLD) subcommittee (DHS FEMA Region V) effort which focuses support on state and local priorities and issues to increase and enhance regional activities and awareness
 - Created and fostered partnerships with, and relationships between, federal, state, local, tribal, and private sector stakeholders to facilitate data-sharing
 - Disseminated Homeland Security Infrastructure Program (HSIP) geospatial data to stakeholders during Presidential Declarations

HERE MAPS, formerly NAVTEQ, Nokia, North America 4+ years

2008 to 2012

Points of Interest Specialist (Chicago, IL)

- Part of an international data-onboarding team utilizing Agile methodologies and Jira issue-tracking
 - Geocoded points of interest (POI) data from global suppliers
 - GIS analysis of supplier data and attributes to determine integration potential
- Conducted ETL content integration assessments of supplier data prior to production phase
- Coordinated data gathering efforts between EMEA and APAC teams

Traffic Quality Analyst (Chicago, IL)

- Provided geospatial support in the production of traffic flow maps for navigation customers
 - Processed, analyzed, and mapped field-collected GPS traffic data to monitor the quality of supplier and proprietary data in support of real-time traffic data feeds
 - Supported the Sales and Product Marketing departments with GIS data analysis and mapping to assist in marketing strategies for NAVTEQ clients
 - Facilitated meetings between stakeholders and analysts to discuss quality improvement tests

EDUCATION

M.S. Geography, University of Wisconsin at Madison

In-progress: September, 2019 – May, 2023

➤ **GIS & Web Map Programming**

B.A. Geography, University of Illinois at Urbana-Champaign

Graduated: May, 2008

➤ **GIS Concentration**

Achievements & Cited Publications

- Howard Roepke Geography Research Scholarship Recipient, 2007
- "Mapping the Dynamism of the United States' Geopolitical Code: The Geography of the State of the Union Speeches, 1988–2008", Taylor & Francis
- "Introduction to Geopolitics", 3rd Edition, Routledge

TECHNICAL SKILLS

Geospatial Applications

- ArcGIS Pro, ArcGIS 10.X: Editor, Catalog, ArcSDE, ArcGIS Server
- ArcGIS Online: Feature Services, Story Maps, Map Packages, Web Services, Dashboards
- ArcGIS JavaScript API library
- Mapbox: MapBox Maps (Web Maps), Mapbox Studio (custom symbols, textures)
- Global Mapper: Elevation and imagery data manipulation
- PostGIS, PostgreSQL, Leaflet.js (JavaScript) library
- Understanding of interactive web map development (samples can be provided)

Real-World 3D Terrain Production

- TerraTools (Terrain imports to VBS3)
- ArcGIS (Geospecific or Geotypical terrain builds)
- Blender (Basic Marketing Terrain Builds, Textures)

Other Applications

- Office Suite: Access, Excel, PowerPoint, Word, SharePoint, OneDrive, Microsoft Teams
- Agile Principles: Jira (Issue-tracking software)
- Adobe Photoshop, Adobe Illustrator: Manipulation of map graphics, symbology-creation

VOLUNTEER EXPERIENCE

National Multiple Sclerosis (MS) Society - Team Booz Allen Hamilton – 2018 to Present

- I currently co-represent the Chicago Office in supporting Walk MS and Bike MS events for the National MS Society's corporate fundraising engagements.

Career Mentor - Booz Allen Hamilton - 2014 to Present

- I serve as a career mentor, guiding colleagues to better understand Booz Allen, the Geospatial Industry and how to succeed as a consultant at the firm.

Volunteer - Friendship Visitor - DuPage Care Center

- I visited several patients who suffered from Multiple Sclerosis (MS), providing friendship and joining them during social events at the care center.

AWARDS AND RECOGNITION

Passionate Service Award – November, 2017

- “Mike, unassisted, knocks out client request”

Champion's Heart Award – December, 2018

- “Utilizing Expert Analytic Abilities”

Passionate Service Award – July, 2019

- “World-Wide Human Geography Data Working Group (WWHGD) Cyclone Support”

Champion's Heart Award – December, 2019

- “Conquering the Difficult Tasks with Determination”

Passionate Service Award – July, 2021

- “World-Wide Human Geography Data Working Group (WWHGD) Data Support”

Booz Allen 10-year Service Achievement Award – November, 2022

- “10 years of consecutive client service”

REFERENCES

Available upon request