

# SCOTT J. OWENS

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## OBJECTIVE

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Multi-diversified Geospatial Professional knowledgeable in GIS, GPS, Biology, Orthophotography, Remote Sensing, Raster Mechanics, Analysis, Field Work & Multimedia proficiencies. Motivated life-long learner, self-starter, problem solver & career loyalist who works well equally as a team player or solo professional, is dependable and responsible with excellent career qualities, production management, QA/QC, technical writing, IT knowledge, organization & people skills who seeks ongoing experience as well as new challenges and opportunities.

## EDUCATION

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| <b>1999</b>      | <b>Mississippi State University</b>                                   | <b>Starkville, MS</b>  |
|                  | ▪ Introduction to <i>ArcView</i> GIS for the Natural Resource Manager |                        |
| <b>1996-1999</b> | <b>Louisiana State University</b>                                     | <b>Baton Rouge, LA</b> |
|                  | ▪ <i>Bachelor of Science</i> , Forestry Management.                   |                        |
| <b>1986-1991</b> | <b>Rummel High School</b>   | <b>Metairie, LA</b>    |
|                  | ▪ Diploma Received  |                        |

## EXPERIENCE

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| <b>July 2016/Present</b>   | <b>Doyle Land Services</b>  | <b>New Orleans, LA</b> |
|                            | <i>GIS Specialist</i>   |                        |
|                            | ▪ Manages, maintains, edits and updates Doyle Land Oil/Gas, Telecommunications & Solar Projects throughout the United States.   |                        |
|                            | ▪ Works jointly with Project Managers and Data Document Specialists on Geospatial needs, training, solutions and updates relating to Database Management, Parcel/Property Vector Editing, Plotting, Map Books, Plat creation and WebMap Management.   |                        |
| <b>July 2015/July 2016</b> | <b>City of Hammond, LA</b>  | <b>Hammond, LA</b>     |
|                            | <i>GIS Specialist</i>   |                        |
|                            | ▪ Manages, maintains, edits and updates the City of Hammonds GIS Local Government Information Model/GIS through ArcGIS Server, Portal and Web Mapping technologies.   |                        |
|                            | ▪ Local Government is based on a harmonized information model of GIS datasets, web services, and maps that is referred to as the Local Government Information Model. It includes a series of essential foundation layers and operational information that support a range of key maps and apps within a local government. |                        |
|                            | ▪ The information model's design reflects specific application requirements and the cartographic design elements necessary to produce rich, multi-scale base-maps and operational layers.   |                        |
|                            | ▪ Works jointly with City Departments on Geospatial needs, training, solutions and updates.   |                        |
|                            | ▪ Creates NGPS/NMAS standards for operations, editing and solutions as technical writing documents.   |                        |

**Jan. 2013/July 2015 Stephenson Disaster Management Institute/LSU Baton Rouge, LA**  
***GIS Analyst***

- Responsible for GIS Collection of geospatial data that supports the creation of a statewide critical infrastructure database and a 9-1-1 database of select Louisiana Parishes for first responders at all levels of government.
- Remote Sensing/Orthophotography developments.
- Feature extraction, Digitizing, Attribution, Coordinate Conversions, Database Creation within ESRI ArcGIS, Visual Basic scripting and editing for practical analysis, Field Work, Mobile Mapping/Android, GIS/GPS, develop standards and workflows, FGDC compliant metadata creation.
- Storm Surge Modeling & Projections.

**June 2000/Dec. 2012 Northrop Grumman Co. /3001 Inc. Slidell, LA**  
***Geospatial Specialist IV***

- Production management, pre & post processing of Digital Aerial Photography for the production of mapping and geospatial databases in a Civil Works environment. Management of all mapping products/projects; public relations & client interaction relating to. Metadata production under FGDC compliant standards. Archival workflows & systems. Large Format Digital Aerial Sensor for Zeiss/DMC digital aerial raster data sets.
- Army Corps of Engineers Urban Tactical Planner (UTP) within the ESRI ArcGIS Environment for DOD Contract.
- Experienced with Z/I environment scripting generation/production to maximize workflow efficiency.
- Established company-wide workflow procedures & documentation to facilitate Geospatial Orthophotography products and services.
- Provided company-wide training & technical expertise on all Digital Aerial Photography/Orthophotography workflows and procedures.
- GIS using ArcGIS 10.2. Digitizing, Feature Extraction, Attribution & DB Mgmt.

**Aug.1999/June 2000 Louisiana Dept. of Agriculture & Forestry Baton Rouge, LA**  
***SAFIS/FIA Forester***

- Southern Annual Forest Inventory Survey/Forest Inventory Analysis
- Responsible for the locating, surveying, documentation, photogrammetry, GPS, and mensuration of fixed United States Forest Service plots throughout the state of Louisiana; with the aid of the United States Forest Service Cruise Based Tally Program and the Department of Defense PLUGR+ Global Positioning System to collect data and to record permanent points for further identification of state forested plots.
- Assisted in/with Fire Weather Forecasting, Prescribed Burning techniques, Wildfire prevention & control, Vegetation Profiles and Aerial Photo Interpretation Field work.
- Daily report writing, sketches and uploading of data to an offsite database location with the use of Hammerhead handheld digital computers.

## CERTIFICATES/TRAINING

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2014 - IS-318 Mitigation Planning for Local and Tribal Communities Certification  
2014 - IS-328: Plan Review for Local Mitigation Plans Certification  
2014 - IS-393.A: Introduction to Hazard Mitigation Certification  
2011 - Federal Government 'SECRET' Clearance Renewed  
2011 - 10-Year Service Award  
2009 - 3001, Inc. Employee of the Year Award  
2008 - Foundations in 3QM ISO 9001:2000 Training  
2008 - Received Federal Government Clearance for NGA  
2006 - KW Computer Training for Adobe Photoshop  
2005 - Outdoor Videography Level I & II Certifications  
1999 - ArcView GIS for the Natural Resource Manager Training  
1998 - Real Estate Research Program Certificate  
1998 - Professional Logger's Erosion Control Certificate

## SPECIALIZED SKILLS

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**Software:** Z/I ImageStation OrthoPro, Z/I ImageStation Photogrammetric Manager, Inpho OrthoVista, Bentley IRASC, Microstation SE & V8, Intergraph GeoMedia, ESRI ArcGIS 10x, ArcGIS Online, ArcSDE, ArcServer, ArcPortal, ArcCollector, QGIS, GeoServer, OpenLayers, Locus Maps Pro, Orux, OziExplorer, ERDAS Imagine, Adobe Photoshop, Global Mapper, Safe FME, Delorme X-Map, Google Earth & other various mapping software titles both PC and Mobile applications-based. Windows, Mac, MS Office.

**Mobile Mapping:** Experience configuring, working, managing & mapping related (GIS/GPS) apps with Android/iPhone & Tablet devices.

**Plotting:** experience with large format printing; with plotter & ESRI ArcGIS/Adobe Software Platforms.

**GPS:** GPS/NEMA technologies. Trimble GeoExplorer Series, Garmin & Bluetooth enabled devices; conventional/professional GPS Receiver Systems. Experience using the Department of Defense PLUGR+ Global Positioning System.

**GIS:** Feature extraction, Digitizing, Attribution, Coordinate Conversions, Database Mgmt. Modeling, Scripting, Conversions within ESRI ArcGIS Vector data manipulation. Z/I Intergraph Batch Scripting, 3D Aerial Fly-Thru's with use of LIDAR elevations & FGDC compliant metadata creation.

**Remote Sensing/Aerial Photography:** Medium & Large-format Analog/Digital Aerial Sensor post-processing and production of orthophotography & remote sensing aerial and satellite imagery products; 8, 12, 16-bit workflows; multiband manipulation/production; Radiometrics, Raster Mechanics & LUT Development.

**Multimedia:** 12-years Multimedia Production & Post-Production experience using SD/HD/4K CMOS/MOS Cameras and Adobe Production Software software packages. Highly proficient in advanced Multimedia generation, compression, managing, editing, color grading, audio, & distribution.

**UAV Mapping:** Extensive R&D knowledge on UAV (Unmanned Aerial Vehicle) technologies in Photogrammetric sciences to assist/aid in various sectors

**Production Management:** Managed employees for Orthophotography Projects under 3001, Inc. Client collaboration, Production Schedules, Delivery.

**Technical Writing:** Company-wide workflows, project reports, QA/QC reporting, technical documents and instructional. Blog & Web Positioning.