

# JUSTIN PAUL JANASKIE

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THE UNIVERSITY OF MISSISSIPPI, OXFORD, MS

**Master of Science in Engineering Science *May 2008***

Geological Engineering

**Bachelor of Science *May 2005***

Geological Engineering

**Ph. D in Engineering Science (*May 2018*)**

Geological Engineering

## WORK EXPERIENCE

*MAG Aerospace* – Woodbridge, VA

Vice-President (January 2017 – Current)

- Working with the ISR Business Unit Senior Vice-President to reorganize the divisional structure with recently acquired/transioned divisions and to relocate the Business Unit HQ to Fayetteville, NC
- Currently supporting the integration of a recently acquired airborne Fire Services company with a seasonal workforce of up to 200 personnel and over 40 aircraft into the ISR Business Unit
- Provided oversight into the integration of Deltek T&E, Costpoint and Talent for an enterprise level financial & HR information management upgrade
- Continuing to improve personnel onboarding and tracking with the implementation of a custom personnel information management system
- Continued duties from Deputy Vice President

Deputy Vice-President (May 2016 – January 2017)

- Responsible for supporting MAG ISR Business Unit Senior Vice-President in daily support staff oversight, program management, contract execution along with corporate level support for Mergers & Acquisition and Business Development
- Conducted quarterly (or as needed) program and contract reviews on-site for the ISR Business Unit divisions in SOUTHCOM, EIS and other locations
- Oversaw and created process and workflow for seamlessly hiring, onboarding and deploying 145 personnel in 45 days for the SS-AISR contract in support of USG CENTCOM ISR missions
- Conducted a financial and programmatic review post-acquisition to support the divisional integration of the Ft. Bragg EIS Division (formerly from BOSH) into the MAG ISR Business Unit. Included direct SOCOM customer interfacing and restructuring divisional operations

*SpecTIR, LLC* – Reno, NV

President (December 2014 – May 2016)

- Responsible and accountable for the daily operations, budgeting, business development and execution of activities and programs for worldwide hyperspectral solutions for commercial and government
- Worked directly with the CEO, Board of Directors and Investors for strategic initiatives for SpecTIR and collaboration/integration between SpecTIR subsidiaries and spin-offs
- Continued duties from Vice President position
- Captured SpecTIR's largest commercial contract and executed legal and financial obligations of contracts
- Within 1<sup>st</sup> year as President, reduced Overhead and G&A-related costs to result in the first profitable year removing the single outlier year resulting from a one-off Government project

Vice President (September 2012 – December 2014)

- Oversaw 12 personnel from remote sensing operators to hyperspectral scientists to sales/marketing directors
- Captured SpecTIR's largest airborne acquisition contract for defense related collections
- Managed all client programs and projects for governments (US and Foreign) and commercial (mining, oil/gas, agriculture, forestry and environmental)
- Collaborated with the President/COO and CFO on a daily basis
- Implemented new and consistent pricing structures and also transitioned the sales and marketing team from Sales Force to Microsoft Dynamic CRM 2013

Program Manager (May 2011 – September 2012)

- Managed a 16-month, rapid acquisition program totaling \$12M that included design, development, integration, test, evaluation and deployment components for two terrestrial-based Hyperspectral Imagery (HSI) sensor systems
  - Duties included CONOPs/functional requirements matching, systems engineering oversight, operational logistics support, test planning support, test logistics support along with traditional program management duties
  - This project came in under budget and is the single largest contract SpecTIR has been awarded
- Technical Intelligence Fusion Analyst (January 2011 – May 2011)
- Deployed overseas to provide analytical support through fusion of multi-intelligence sources to include biometrics, GEOINT, IMINT, MASINT. Additional support included development of advanced ArcGIS Model Builder routines to assist in the automation of fused Identity Intelligence and GEOINT products
  - Provided modeling for UGS emplacement support for micro and macro level border missions
- Senior Analyst / Project Task Lead (November 2009 – January 2011)
- Functioned as site lead and supervised the activities of 16 GIS, biometrics and hyperspectral subject matter experts performing national defense related research and operational support
  - Acted as the daily/weekly site lead to coordinate taskings with Governmental POCs and deliver progress updates to SpecTIR off-site management
  - Created visualization models of 3-D enabled datasets for processing, display and collaboration purposes on TouchTable hardware and software
  - Developer of tactical video exploitation capability integrating high-definition video collection and facial/feature recognition processing functions to derive near-real time data matches
  - Advanced an R&D biometrics program into a fully operational/production level program and deployed the initial software capabilities and operational procedures to theater as part of a Pre-Deployment Site Survey
- GIS & Spectral Analyst (November 2008 – November 2009)
- Processed/exploited hyperspectral imagery supporting defense related initiatives
  - Worked extensively with LandsAT 7 imagery and built a mosaic of the entire Middle East area from the Med to China – developed a routine that processed and georectified cloudless views by finding recently archived imagery that filled in missing data
  - Constructed detailed geospatial models designed to permit operational modeling and simulation and site specific analysis
  - Created models that predicted sub-surface soil and rock composition over wide targeted areas based on surface material classification and statistical application of USGS survey data

*AOA Geophysics Inc. - Houston, TX*

Client Rep/GIS Specialist/Marine Geoscientist (Private Contractor May 2006 – January 2008)

- Responsible for GIS, Multibeam, Backscatter data integration and analysis
- Chevron/AOA Geophysics Frade Field Project – AOA 1<sup>st</sup> Technical Lead for integration of data into ArcGIS for seafloor analysis
- Reliance Industries Ltd/AOA Geophysics Phase I Multibeam Program & Phase II Coring Program (India) – AOA Client Rep/GIS Specialist for integration and analysis of geophysical data
- Black Gold Energy/TGS/AOA Geophysics MegaSurvey Multibeam Program (Indonesia) – AOA Client Rep/Geo/GIS Specialist for integration and analysis of geophysical data

*University of Mississippi Geoinformatics Center - University, MS*

Research Associate/Graduate/Undergraduate Research Assistant (March 2004 – November 2008)

- Developed and led humanitarian relief training using mobile GIS for World Vision Mexico/University of Mississippi – coordinated and conducted training in Mexico City with partner organizations
- Deployed in support of Hurricane Katrina GIS/RS support at Mississippi Emergency Management Agency (MEMA) Emergency Operations Center (EOC) – adapted key GIS techniques to assist emergency responders in statewide relief efforts

## TECHNICAL SKILLS

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- Operating Systems (Windows 98, NT, ME, 2000, XP, 7, 8, 10, Server 200x)
  - Applications (Microsoft Office Professional Plus Suite, Adobe After Effects Suite, SQL Server 200x, MSDE, VTK, SalesForce, Microsoft Dynamics CRM 2013)
  - Hardware (Building and Repairing Computers, Installing Networks, Fiber Optics, Cat5e, iMove Camera Systems)
  - Video Analytics Software (MatchBox, MX Server, GeoViewer, GeoReplay, GeoEditor, Pittsburgh Pattern Recognition, ABIS Face Examiner Workstation)
  - GIS/Remote Sensing Software
    - **Expert** - ESRI – ArcGIS 10.x, ArcGIS Mobile 9.x, ArcPad 7.x, ArcPad Application Builder 7.x, ArcSDE 9.x, ArcIMS 9.x, (Extensions - Spatial, 3-D, Military Analyst, etc...), ERDAS Imagine 9.x, ENVI 4.x/5.x, RemoteView
    - **Intermediate** - ArcGIS Server 9.x, IDL 7.x, Falcon View, Google Earth, TouchShare

## PUBLICATIONS

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- Jaramillo, Igor, **J Janaskie**, G Easson, 2007, New Vision for Relief Efforts: Mobile GIS for Emergency Planning in El Salvador: *ArcUser*, January-March. Redlands, p. 66-69.
  - **Janaskie, Justin**, 2008, Estimating Turbidity Current Flow Conditions From Sinuous Channel Dimensions in the Bay of Bengal Middle Channel-Levee System; Master's Thesis.
  - Slattery M, KL Willett, DJ Gochfeld, J Weston, C Warren, C Easson, G Easson, **J Janaskie**, A Boettcher, B Ehmen, CA May. Impacts of Hurricane Katrina on seagrass beds in Grand Bay, Mississippi. 29th Annual Meeting of SETAC, Tampa FL, 17-21 November 2008.
  - Bole, Kate M, D Bole, S Anklam, **J Janaskie**, 2010, Estimating Surface Electromagnetic Properties and Corresponding Effects on Radio Frequency Signatures: Active and Passive Signatures; SPIE Proceedings Vol. 7687.
  - Weatherbee, Oliver, **J Janaskie**, T Hyvärinen, 2012, Advanced Hyperspectral Imaging Solutions for Near Real-Time Target Detection: Military Applications in Hyperspectral Imaging and High Spatial Resolution Sensing II; SPIE Proceedings Vol. 8542D.