MIKE DUMAIS

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OBJECTIVE

Collaborate in a team work environment where my past and current work experiences can be leveraged to help support team members achieve their business objectives and strategies. Over several years, I have acquired a wide variety of technical skills (GIS, Arc Desktop, programming, operations management, project management, application analysis, the .Net Framework, T-SQL report writing, PowerShell, Crystal Reports, vb.net, C#, JavaScript, Python, HTML, CSS, React, Next, Astro, Database administration, and Db-coordination) that aids me in the art of problem resolution. I enjoy troubleshooting business workflow issues, minimizing work-related bottlenecks, and mapping out new business processes.

SKILLS & ABILITIES

– Ability to delegate responsibilities to help meet business expectations in a reasonable time frame, which helps team members be engaged and better understand business objectives
– Ability to communicate risks & technical information to non-technical decision makers
– Ability to understand a variety of technical information to help resolve application issues
– Encourage team members to plan and develop SMART Goals to improve internal communication
– Provide Mentoring to CAD & GIS Technicians and other Analysts
– Draft standard operating procedures, checklists, and guidelines to foster cross-training
– Meets regularly with team members to plan effective goal setting
– Good organizational skills and ability to think critically
– Analyzes alternative methods and techniques for optimizing software use
– Understand the portioning of lands including townships, sections, plats, tracts, blocks, lots, parcels, right-of-way, easements and land uses
– Ability to interpret deed descriptions that contain bearings, azimuths, curves, field angles, monuments, rectangular land surveys, and plats.
– Knowledge and experience with scanners/printers and large-format plotters
– Ability to use Open-Source GIS Software (Leaflet, TileMill, Mapbox Studio) to make Web map

EXPERIENCE

GIS Analyst, Transportation Office of the County Engineer (OCE)   11/2022 – present
Ocala, FL

– Utilize ArcGIS Desktop and ArcGIS Pro to create, modify, retire Stormwater assets and input pertinent attribute data stored in a Spatial Data Engine (SDE)
– Prepare, create, and distribute various types of maps for OCE internal and public requests
– Management of Stormwater assets stored in a Spatial Data Engine (SDE)
– ArcGIS Online to support Stormwater field and back-office activities
– Digitize Auto-CAD projects into our enterprise SDE
– Used traditional Post and Reconcile versioning workflows to work isolated across multiple edit sessions

- Manage Rainfall reporting and mapping needs for various County Departments
- Support stormwater regulatory GIS needs required to maintain Marion County's Municipal Separate Storm System (MS4)
- Support audit requirements for the National Pollutant Discharge Elimination System (NPDES) County Permit
- Support BCC Mapping needs for workshops and BCC Agenda meetings
- Utilized Cartegraph OMS to manage Marion County Stormwater assets
- Support of multiple Arc Reader maps for Stormwater Admin and Field staff
- Report Writing for Customer Support utilizing outdated Crystal Reports 2016

GIS Coordinator, Information Technology   08/2022 – 11/2022

Ocala, FL

- Supported an existing Agency Web GIS (Federated) and ArcGIS workflows as previously performed in earlier employments
  - Managed Public and Internal portals
  - Administered a SQL Server Spatial Data Environment (SDE)
  - Managed services to synchronize Cartegraph OMS cloud resources to on-premise SDE
  - Created and tested services for a new Tyler Technology system (Enterprise Permitting, Licensing - EPL) to replace CDPlus
  - Managed ArcGIS Enterprise and ArcGIS Online environment
  - Coordinated agency wide GIS requests from multiple County Departments to help coworkers with their daily GIS related workflows and tasks
- Helped coworkers use outdated Crystal Reports 2016 required for Tyler Technologies Permitting and Planning Software, which is trying to break away from Silverlight (another outdated resource)

Business Analyst, Transportation Office of the County Engineer   12/2020 – 08/2022

Ocala, FL

- Assists the County's IT Department to determine the feasibility of upgrading current applications and/or implementing new technology systems to support Operational requirements.
- Serve as technical liaison for the Office of the County Engineer
- Gather and document system requirements, scope and objectives to support a county-wide asset management solution, Cartegraph OMS and Tyler Munis.
- Assist in the creation and support of business process and workflow analysis
- Assists in the documentation, implementation, maintenance, and support of business software solutions.
- Responsible for the coordination and monitoring of hardware and software upgrades
- Prepare, create, and distribute various types of maps for various internal and public requests
- Created weekly, monthly, and quarterly excel reports from data queried from OMS. Other modern day reporting not available

GIS Specialist, Collier County Property Appraiser   8/2019 – 12/2020

Naples, FL

- Utilize ArcGIS Desktop to create, modify, retire parcels and input pertinent attribute data
- Maintain and assign parcel tax record numbers to new or modified parcel geometries
- Perform quality assurance activities on GIS Cadastral data to ensure accuracy and uniformity

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- Use Coordinate Geometry (COGO) tools to verify and construct parcel boundaries based on legal descriptions from various types of deeds, ordinances and surveys.
- Prepare, create, and distribute various types of maps for various internal and public requests
- Perform historical parcel searches for various regulatory purposes
- Create certified maps for various legal agencies

Sr. Operational Analyst, BCC Collier County - GMD   **1/2016 – 8/2019**

Naples, FL

- ArcGIS DBO Administrator for GMD and GMDN Spatial Data Engine (SDE)
- Developed automated SQL-Agent scheduled job to perform the following tasks
  - Daily downloads of Property Appraiser (PA) Raw compressed data files from OneDrive
  - Decompress and move raw data to SQL staging workspace
  - Replace all PA tables and update Legal Description tables is GIS Address tables nightly
- Prepare on-premise data for cloud data center processing
- Planning data replication and backup plans for Azure services
- Developed Business processes for
  - GIS Plat Recording (PR) & Zoning Petition Reviews
  - GIS Site Development Plan (SDP) Petition Reviews
  - County Attorney review of GIS Plat and Zoning Maps
  - City View integration with GIS Services
  - Business Center integration with GIS Services and ArcReader Maps
  - Development Review integration with GIS Services and ArcReader Maps
  - Neighborhood Information Meeting Requests requiring GIS Analysis and Review
  - Various FEMA related Petition requests requiring GIS Analysis and Review
- Support of Legacy Permitting Systems for Regulatory Review Processes
- Plan and Develop Business Solutions to migrate Legacy data to support technologies
- Support County Website Updates
- Maintain County Attorney Public mapping system
- Planned and Executed Census Address program for Census 2020

Sr. Programmer Analyst, BCC Collier County - GMD   **10/2014 – 1/2016**

Naples, FL

- ArcGIS DBO Administrator for GMD and GMDN Spatial Data Engine (SDE)
- Developed GIS Services for electronic registration modules within CityView Permitting System
- Provided GIS Mapping Services for the following Departments
  - Code Enforcement
  - Development Review
  - Planning & Zoning
  - Collier County Attorney's Office
- Created GIS Addressing Services for City of Naples and Marco Island consumption
- Created GIS various Services for Collier County Fire Department consumption
- Planning for Disaster Preparedness with several software solutions:
  - Crisis Track (In current use) - http://www.crisistrack.com/
  - Geocove, ARM360 (no longer in use) - https://www.geocove.com/

Sr. Operations Analyst, BCC Collier County - Transportation   **3/2013 – 10/2014**

Naples, FL

- [Cartegraph](#) Application Administration, support, and GIS integration
- ArcGIS DBO Administrator for Transportation and Stormwater SDE
- Department operations and project management
- Geographical roadway asset integration with work order system
- SIRE integration with Developed Capital Project Document Management (PDM)
- Developed internal processes for Capital Project closeout
- Created GIS solution to Geographically see capital projects county wide
- JavaScript: JSON and Ajax – 8/2014 (O'Reilly School of Technology)
- JavaScript: An Introduction – 7/2014 (O'Reilly School of Technology)
- Building Applications Using the ArcGIS API for JavaScript – 7/2014 (ESRI)

Wastewater Sr. Technical Specialist, BCC Collier County - PUD   **1/2011 – 3/2013**

Naples, FL

- Migrated ArcGIS 9.3 Wastewater (WW) database to ArcGIS 10.0
- ArcGIS DBO Administrator for WW SDE
- Create and Support WW maps for various field crews & monthly statistics
- Developed internal Business Processes for
  - Control Valve Preventive Maintenance (PM) program
  - System Valve PM program
  - Gravity Main PM program
  - Manhole Inspection program
  - SCADA Reporting program
  - System Valve Capital Improvement Plan
- Provide Technical Support for:
  - Irrigation Quality (IQ) Department
  - Wastewater (WW) Collections
  - Data Flows System ([DFS](#)) products and services: wireless radio
  - Laboratory Information Management System (LIMS)
  - inHANCE Reporting Projects
  - Utility Billing & Customer Support (UBCS) SQL Reporting
  - UBCS Call Center
  - Hydraulic Modeling
  - WW valve PM program
  - Internal process improvement processes
  - Managed network devices: Desktops, Laptops, tablets, printers, plotters, etc.

Application Analyst, BCC Collier County - IT   **9/2009 – 1/2011**

Naples, FL

- Application and DB Support for [inHance](#), Special Assessments, LIMS, and Teleworks
- Crystal Report & SQL Server Report Creation and Support for various applications
- Enterprise analysis of Utility Billing System integration with GIS Meter Layer
- Passes PMP Certification by Project Management Institute (PMI #: 1634944) 9/2009
- Charter and PMP preparation for the following projects

- Utility Billing Customer Support (UBCS)
- Call Center Digital Board Improvement
- Special Assessment Estoppel Updates
- Master Meter Integration Project
- Hurricane Preparation Project
- Disaster Recovery Project
- Impact Fee Calculator Project
- Vendor Registration Application Project
- Open Enrollment SAP integration Project
- Agency Document Management Integration Project
- [inHANCE](#) integration with SAP Project

Programmer Analyst, BCC Collier County - IT   3/2006 – 9/2009

Naples, FL

- Support of Public Internet Collier County Cold-Fusion website
- Support of Private Intranet Collier County Cold-Fusion website
- Conversion of Cold-Fusion to Microsoft Webforms Agency-wide for Internet & Intranet
- Planned replacement of Public Internet site to Vision Internet site
- Created Project Management Plan for all Agency Department Subject Matter Experts to control web content for their perspective Divisions
- Installed, Created, and Supported Agency Microsoft SharePoint site for internal use
- Database support for various internal applications
- Microsoft 70-528 – 12/2007
- Intro to Programming ArcObjects with VBA – 10/2006
- IT Infrastructure Library (ITIL) Foundation certification
- Maintenance of various SQL Server 2000 and 2005 Database to support various agency and dedicated services.

Database Coordinator, DSI Laboratories   1/2002 – 3/2006

Fort Myers, FL

- Cerner Classic Application Support Prior to ePathLink
- Cerner DB Support and migration to Millennium architecture
- Cerner Millennium Open Engine for Foreign System Interfaces
- Interface support for Reference laboratory interfaces
- Interface support from Laboratory Information System to Hospital Information System
- Medical Device Interface Creation and Support
- Medical Order Entry (MOE) Standing order support for Out-Patient Services

Quality Assurance Coordinator, DSI Laboratories   1/2002 – 3/2006

Fort Myers, FL

- Create and Review Quality-assurance standards and procedures for three labs
- Review QA standards and procedures to toxicology lab
- Prepare labs for local and state audits

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Medical Technologist, DSI Laboratories   **10/1999 – 01/2001**

Fort Myers, FL

– Generalist licensed in 5 main principles: Micro, Hematology, Blood Bank, Immunology, Chemistry
– Worked Chemistry, Hematology, Immunology, Microbiology areas at Gateway lab
– Worked Chemistry, Hematology, Immunology areas at NCH lab
– Worked Chemistry, Hematology, Immunology areas at NCH-North lab

EDUCATION

University of West FL – Online Graduate GIS Certificate Program   1/2015 – 6/2019

– One class to complete and an intern activity.
– See my blog for this past semester - https://myuwf.blogspot.com
– 24 credit hour online program – see here for more details.

University of South Florida – Tampa – Bachelor of Science   6/1995 – 12/1998

– 3.59 GPA (Overall)
– Dean's List Fall Term 1997

Edison Community College – Ft. Myers – AA   1/1990 – 6/1993

– 3.72 GPA (Overall)

Certificates and Licenses

Project Management Institute

– PMP Certificate #: 1634944 | September 2009

SCRUMstudy

Certificate #: 609236 | January 27, 2018

OTHER EDUCATION

Community College of the AF   1/1983 – 12/1985

– Electronic Warfare was my job in the Air Force.
– Courses taken on campus were Freshman level courses.

O'Reilly School of Technology – Certificate Program

– JavaScript: JSON and Ajax – 8/2014
– JavaScript: An Introduction – 7/2014

Continuing Education – Ongoing to support Certificates

– Udemy Subscription
– Pluralsight Subscription
– DataCamp subscription
– SitePoint subscription

REFERENCES

References available upon request