

ROBERT L. BETHEL

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EDUCATION/CERTIFICATIONS

2000	High School Diploma (KWHS-Vocational)	Key West, FL
2001	CompTia A+ Certified Computer Technician	Orlando, FL
2005	ArcGIS 1	West Palm Beach, FL
2005	ArcGIS 2	West Palm Beach, FL
2006	Advanced Editing in ArcGIS	Internet
2006	Business Case and ROI: Justifying IT spending	Tampa, FL
2006	Field Data Acquisition – Collecting Critical Data	Tampa, FL
2006	Planning for Mobility	Tampa, FL
2007	ArcGIS Server Configuration SQL	West Palm Beach, FL
2007	Management in the Multiuser Geodatabase	Phoenix, AZ
2007	Geoprocessing with ArcGIS Desktop	Internet
2008	Geodatabase Management Learning Pathway	96 hours
2008	Building Geodatabases	West Palm Beach, FL
2009	Water Distribution Modeling	Lakeland, FL
2010	Working with Geometric Networks	Internet

WORK EXPERIENCE

1998–2000 Florida Keys Aqueduct Authority Key West, FL

Co-Op Information Systems (Information Technology)

- Assisted IT in day to day computer problems.
- Backup the Datacenter after working hours.
- Installed new PC's for the Authority.

2000–2003 Florida Keys Aqueduct Authority Key West, FL

Technical Assistant (Information Technology)

- Full time position responsible for upkeep of all PC's.
- Managed hardware contractor to fix broken parts and kept records of time on the job.
- Implemented system wide virus scan for the entire Authority.

2003–2004 Florida Keys Aqueduct Authority Key West, FL

Computer Technician (Information Technology)

- Implemented system wide remote control software to improve efficiency.
- Implemented automated backup to our server to personal PC's.
- Had the idea to run end-of-month processes at night, this saves the person 5 hours of wait time before they could print the reports.

2004-2007 Florida Keys Aqueduct Authority Key West, FL

GIS Specialist /GIS Coordinator (Engineering)

- Implemented several database and login optimization routines to fix server downtime issues.
- Responsible for GIS/GPS pilot project and RFP selection for the full GIS/GPS project.

- Updated the GIS land base/parcel data for the first time since 2002.
- Coordinated training for all design division staff for AutoCAD 2006 Raster Design and Map3D and Introduction to ArcGIS 1.
- Developed Budget requests for Design Division Hardware, Software, Licensing and Training needs since 2004.

2007–Present Florida Keys Aqueduct Authority Key West, FL

GIS Administrator (Engineering)

- Managed upgrade of software from version 9 to 10.
 - Used GIS analysis to provide required reports on water usage to the DCA.
 - 70% complete with digitizing entire FKAA water network into geodatabase.
 - Developed Excel form to calculate system development charges based on criteria of the particular development.
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