

David V. Albamonte

Objective:

To obtain a position developing, managing and supporting non-profit housing.

Skills:

- Environmental Engineering for water quantity and quality including design of bioretention filters, landscape infiltration, sand filters and regulated ponds.
- Computer aided engineering, Civil Engineering computations, design and drafting.
- Software support and training including Microsoft Office (Word, Excel, Access) and Open Office (Writer, Spreadsheet)
- Support of Environmental/Civil Engineering specific packages such as HY-8, Win-TR55, Win-TR20 & HEC-RAS
- AutoCAD 2014 drafting and Land Development Desktop design.
- Hardware and software configuration including Windows 95, 98, NT, XP, 7 & 10.
- Troubleshooting of computer hardware, software and connectivity including TCP/IP

Employment History:

Treasurer & CFO (2004 -Present) **Janet Keenan Housing Corporation**, Washington, DC
Management and reporting of corporation finances, bookkeeping, reconciling accounts, maintaining corporate good standing with governmental organizations.

Design Engineer (August 2000 -Present) **Landmark Engineering, Inc.** Rockville, MD
Performed Civil and Environmental Engineering calculations and Survey Calculations. I designed and CAD drafted plans and documents for both paper and ePlan submittal of projects involving stormwater management, storm sewer, water, sanitary sewer, pressure sewer, and septic (standard, commercial, sand mound and BAT) systems to ensure regulatory compliance prior to review by Montgomery County DPS & DOT, WSSC, DC-Water, Prince George's County DPIE, DPWT, District of Columbia DCRA, DOEE and DDOT. I made revisions to documents and plans based on design comments received from the reviewing agencies. I developed design tools using Excel and Visual-Basic to allow others to submit stormwater management plans for review. I provided hardware and software support for systems using Windows XP and Windows 7. I utilized a number of programs and engineering tools including Win-TR55, Win-TR20, HY8, HEC-2,

President (2000-2004) **Janet Keenan Housing Corporation**, Washington, DC
Oversaw the creation of corporate bylaws and policies. Wrote grant applications. Created and managed fundraising events. Applied for and obtained 501(c)(3) status.

President (1999-2002) **All Souls Housing Corporation**, Washington, DC
Oversaw grant awards. Created an offshoot corporation to purchase and operate low income and very low income housing project. Created and managed fundraising events. Represented ASHC on the board of Change All Souls Housing Corporation to support the rehabilitation and management of Columbia Heights Village.

Computer Systems Manager (July 1997 -Jan 2000) **Loiederman Associates, Inc.** Rockville, MD
Provided Network Management on Novell and Microsoft networks for both LAN and WAN connectivity. Responsible for troubleshooting hardware and software issues while minimizing downtime on NetWare servers and Windows 95, 98, and NT workstations. Provided product support on Microsoft Office (*Word, Excel, Power Point, and Access*), *SureTrack*, and *Microstation*. I conducted backups and restore using *ArcServe*. Configured and provided troubleshooting of network resources such as printers, plotters, scanners, etc. Configured TCP/IP on workstations for Internet/Intranet connectivity.

Engineer (May 1994 –July 1997) **Loiederman Associates, Inc.** Rockville, MD

Environmental engineering design and as-built calculations of storm water management facilities. Designed storm drain systems and created sediment control plans. Provided advisory and software support for the development of Stormwater Management Planting Guidelines for the State of Maryland. Provided expert quality control inspection services for stormwater management facilities. Automated dam breach simulation/analysis using Paradox for Windows. Created data models for inventory, job tracking, and dam riser design calculations. Provided computer support and training for *Microstation*, *Paradox*, *QuattroPro*, *Excel*, *Lotus123*, *TR-20* (Hydrology), *TR-55* (Hydrology), *HEC-2* (Flood-plain analysis), *FlowMaster* and *CulvertMaster* (Hydraulics). Created GUI front-end interface programs to provide enhanced use of standard civil engineering design & analysis tools such as *TR-20* and *HEC-2*. Provided hardware, and software support as required. I developed a variety of *Access* databases routines to provide management decision tools for land survey and support staff. I was a member of a cross-functional team with the goals to improve Stormwater Management Standards, Cad Standards and Hydraulic Design Standards. Created and administered Novell Network groups for use of specialized software.

Consultant (July, 1992 - May, 1994) **Kelly Services, Inc.** Greenbelt, MD

Assigned to MCI International. Administered testing of MCI international telecommunications products. Designed and implemented testing for special projects. Designed and implemented data model and automated reporting of test results. Developed trouble shooting and fault isolation procedures. Trained MCI customer relations personnel in trouble-shooting procedures for complex telecommunications networks.

Project Manager (May, 1991 -February, 1992) **Tri-Tech International, Inc.** Woodbridge, VA

I managed construction projects including participation in the bid process, the negotiation and administration of contracts. I designed a data model for construction cost estimating system. I created critical path analysis for construction scheduling. I prepared job cost reports and analysis.

Lab Instructor (May, 1990 -June, 1990) **University of Maryland.** College Park, MD

I trained, supervised and graded students in survey field methods. I designed and administered lesson plans and tests.

Senior Computer [sic] (Dec 1985 –Sept. 1989) **Cordero, Ward and Associates, Inc.** Beltsville, MD

I provided research and computations using numerical methods for survey and engineering projects. Projects included building and property line surveys and stake out, preliminary plans and subdivision plats. Programmed coordinate geometry/cad interface. Supervised drafting personnel on survey related projects. Performed construction inspection of concrete, water main and stormwater management facilities. Performed analysis of 100-year flood plain water surface. Installed and maintained computer hardware and software. Trained employees in computer applications. Scheduled and managed survey field crews.

Education:

BS Civil Engineering/Construction Management, University of Maryland, College Park, MD
Special course work includes computer programming (Fortran & C), numerical methods, data modeling, simulation and system modeling, Geographic Information Systems and Expert Systems development.

Hobbies and Interests

I am currently the Treasurer of Janet Keenan Housing Corporation, a non-profit organization dedicated to providing affordable housing in Washington DC. I am involved in digital and analog audio recording. I play jazz, rock, bluegrass and country guitar. I am the organizer for a local group providing the musicians in the local jazz community with opportunities to meet and perform in the style of Django Reinhardt and Stephane Grappelli.