

Boris Tillett

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Employment:

Tillett Technologies, March 2012 to Present.

Owner; Technology Consultant for Small Businesses

- IT and AutoCAD Support for small business
 - Contract IT
 - Contract AutoCAD and Civil Engineering work.
 - Currently engaged in contract work for Harold Yelle (Aiken & Yelle Associates, PA)
 - Civil Engineering CAD and Design work. Including but not limited to; Stormwater Management, Water Line Main Extensions, Grading and Volume calculations, preparing survey plats.

Connexion Technologies, May 2002 to March 2012

Vice President; GIS and AutoCAD Support Department

AutoCAD Support Manager / OSP Design Engineer / RF Wireless Network Engineer

- Create base files by compiling available GIS data (parcels, buildings, roads, topography, aerial imagery, etc.) and existing boundary (deed or plat) to create the base drawing files for the FTTH OSP design.
 - Also provided initial site analysis and feasibility study to determine the appropriate technology to deploy.
- Standardized the use of AutoCAD in our design department.
- Trained Design Engineers in the advanced features of AutoCAD, and the transition from MicroStation.
 - Example: Data extraction, allowing the designers to very quickly build a bill of materials from designs.
- Prepared AutoCAD drawing for installation of FTTH Outside Plant Design (OSP) and wireless technologies
- Prepared Construction Implementation Plan and Cost Estimates
- Initial IT Design and Support, including the setting up of the Active Directory Domain and users
 - Facilitated the incorporation and staffing of an IT department for our company
- Level 3 IT Helpdesk support for Wireless Infrastructure

Global Software, 2000 to 2002

IT Specialist

- Evaluated and resolved IT incident and Help Desk tickets for Raleigh and New York offices
- Managed, maintained and upgraded Microsoft server and computers in existing WAN
- Upgraded portions of WAN from Token Ring to Ethernet
- Incorporated internet-based sales tools into sales department protocols

Land Air Design, 1999 to 2000

Civil Engineer

- Designed apartment communities, single-family residential communities and commercial developments
- Prepared site plans, subdivision maps, preliminary plan and construction drawings, stormwater design, hydrologic and hydraulic analysis and roadway design
- Managed commercial and residential development projects from initial concept to construction

Aiken & Yelle, 1998 to 1999

Civil Engineer

- Designed apartment communities, single-family residential communities and commercial developments
- Prepared site plans, subdivision maps, preliminary plan and construction drawings, stormwater design, hydrologic and hydraulic analysis and roadway design
- Managed commercial and residential development projects from initial concept to construction

New City Design Group: 1996 to1998

Civil Engineer

- Managed commercial and residential development projects from initial concept to construction
- Prepared site plans, subdivision maps, preliminary plan and construction drawings, stormwater design, hydrologic and hydraulic analysis.

John A. Edwards & Company: 1994 to1996

Civil Engineer

- Developed design plans for commercial and residential developments, including site plans, storm water plans, roadway design, grading plans and subdivision plans
- Solved complex problems using specialized engineering techniques
- Managed commercial and residential development projects from initial concept to construction
- Introduced AutoCAD software to the firm

Saieed Construction: 1990 to1994

Construction Cost Estimator

- Pioneered the use of AutoCAD and specialized Construction Takeoff software to a previously labor intensive activity
- Launched the existing office into the 20th century by replacing their typewriters with computers and printers
- Trained office staff and executives in the use and advantages of the PC

Drucker & Falk: 1988 to 1990

Contract AutoCAD Space Planner for 6 Story Building renovation

- Designed office space in existing raw floor area for potential clients
- Submitted plans for City approval and managed construction of layout to client specifications

US Virgin Islands Water and Power Authority: 1986 to1988

Superintendent of Water Distribution

- Drove teams to increase water distribution accountability and revenue by over two million dollars per year during my first year, and another two million within the following 8 months
 - Resulting in over \$4,000,000 per year increase in revenue
- Initiated a AutoCAD Mapped and Documentation department under my supervision to document and map existing waterlines, valves, tanks, and related infrastructure
- Improved Water Quality throughout the distribution system
- Improved working conditions for employees by initiating safety protocols and innovative techniques to be used in the field
- Improved employee team cooperation and support to a level not previously achieved in this department.

TuTu Water Company: 1984 to1986

Owner; Private water purification and distribution company

- Designed and maintained a 30,000 gallon per day Reverse Osmosis and storage array
- Automated Point of Sale equipment and billing
- ❖ Local Gas Station's tank leaked into the aquifer forcing the close of this business

Education:

Bachelor of Science, Mechanical Engineering, University of Hartford, 1984

Licenses and Certifications:

North Carolina Professional Engineer

Microsoft Certified Systems Engineer

Skills:

Proficient in all Microsoft Office Suite programs, AutoCAD, AutoCAD Civil 3D, Visio, and other civil engineering software.