

SEAN DAVID DOUGHTIE

OBJECTIVE:

A position in the technical field that will utilize my knowledge and experience.

TECHNICAL SUMMERY:

- * 12+ years 3D Modeling, 3D Rendering, Computer Graphics and Computer Video/Animation.
- * 12+ years Drafting/CAD experience in diverse disciplines. Architectural, Structural, Bridge, Civil, Electrical, Communication and Naval Architecture.
- * 6+ years Network Administrator experience. Microsoft, Novell, Linux and Sun.
- * Proficient with Masonry, Steel, Timber, Concrete, Blast, Waterfront, Detention, Educational, Accessibility, Life Safety and Metric design.

EXPERIENCE:

SENIOR CAD TECHNICIAN

HARDESTY & HANOVER, L.L.P. – MAY 2001 TO PRESENT.

Setup the CAD department and instituted Drafting Standards to comply with Virginia Department of Transportation (VDOT). Created a satellite office CAD Standards manual and standard operating procedure. Produced drawings on MicroStation/J for various projects. Reviewed shop drawings. Produced renderings, animations and graphics for projects, meetings, interviews, proposals and conferences. Assisted in marketing proposals and presentations. Met with clients and prospective clients. Provided computer and network support for day-to-day use. Participated in site visits and investigations.

Relevant projects: Portsmouth Ferry Dock, Woodrow Wilson Bridge I95/Route1 Interchange, Chincoteague Black Narrows Bridge replacement and Ferrell Parkway Extension.

CAD DEPARTMENT MANAGER/NETWORK ADMINISTRATOR

MCPHERSON & ASSOCIATES, P.C. – MARCH 1998 TO MAY 2001.

Manager/CAD Responsibilities: Main responsibilities were scheduling projects, staffing CAD department, educating and evaluating CAD staff, setting company CAD standards, developing a standards manual and creating various programs to improve efficiency and data management. Acted as the project manager for various projects (that included projects with accelerated permit, bid and construction schedules), coordinated project design and progress with the clients. Experience with masonry, steel, timber, concrete, waterfront, detention center, food service, industrial, educational and blast design. Performed field inspections and investigations. Produced 3-D renderings.

Relevant Projects: CNU Student Center, Portsmouth Amphitheater, Norva Theater, Chesapeake Court Building, BAQ Bahrain (Blast Design, metric), Pizza Hut Restaurants, Elm Grove Historical Restoration, McDonald's Restaurants, NASA Wind Tunnel Renovation, Camp Lajune Bunker Design (Blast Design), Camp Lajune Water Tower Inspect/Repair, Birdneck Office Warehouse.

Network Responsibilities: Managed a 25-workstation Microsoft and Linux network, built and upgraded workstations, installed software, provided troubleshooting, support to users, network maintenance, daily back-ups, archiving, security, purchased equipment and provided training. Maintained Internet access. Obtained and setup domain names. Setup firewall, DNS, DHCP, Sendmail, and Apache Servers.

CAD TECHNICIAN/NETWORK ADMINSTRATOR

MCPHERSON & ASSOCIATES, P.C. – AUGUST 1996 TO MARCH 1998, AUGUST 1993 TO JULY 1995.

Designed and produced construction documents for various projects. Experience with masonry, steel, timber, concrete, waterfront, food service and educational design. Performed field inspections and investigations. Produced 3-D renderings. Designed and installed a 25-workstation for Microsoft and Linux network. built and upgraded workstations, installed software, provided troubleshooting, support to users, network

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maintenance, daily back-ups, archiving, security, purchased equipment and training. Maintain Internet access through a proxy server then later through NAT.

Relevant Projects: Chrysler Museum Addition, College of William and Mary's Swem Library Addition, Commonwealth of Virginia Executive Mansion Renovations, McDonald's Restaurants.

CAD TECHNICIAN

HAYES, SEAY, MATTERN AND MATTERN – JULY 1995 TO AUGUST 1996.

Designed and produced Structural, Architectural, Civil and Mechanical drawings for various projects on AutoCAD r12 and MicroStation v5. Experience with masonry, steel, timber, concrete, waterfront, detention center, educational, green and blast design. Produced base map of Shaw A.F.B. Produced 3-D renderings and 3-D models for digital walk-throughs. Assisted business development through computer graphics, drawing, scanning, and editing.

Relevant Projects: Pentagon – Wedge 1 Renovation (Blast Design, metric), Sieman's Automotive Manufacturing Renovation (Blast Design), Tidewater Juvenile Detention Center, Museum of the Albemarle, Newport News Wave Screen, Virginia Beach Public Schools.

CAD OPERATOR

UNIDYNE CORPORATION - AUGUST 1992 TO AUGUST 1993.

Security Clearance: Secret. Developed Ship Alteration Drawings for Eldyne, Inc. as directed by Naval Sea Systems Command. Second shift supervisor, was responsible for the scheduling of work and maintaining work performance. Performed ship checks on the USS Gary in San Diego and the USS Elrod in Charleston. Developed Level III Fabrication Drawings from raster (scanned) drawings. Converted and standardized drawings from multiple CAD systems at the Naval Undersea Warfare Center. Developed an illustrated Standard Operating Procedures manual on converting drawings to Intergraph for new users.

EDUCATION:

Network Management Seminars – Providing Network Support.

Navel Undersea Warfare Center - Intergraph Training

Tidewater Community College – Drafting and Design, AutoCAD, Computers.

Woodrow Wilson High School – Drafting and Design, Marketing, Computers.

TECHNICAL SKILLS:

CODE KNOWLEDGE:

2000 AASHTO, 1996 BOCA, 1994 ADA, 1996 North Carolina CABO, 1999 NFPA & Means of Egress, National Plumbing Code, 2000 UBC, 2000 IBC and UL Fire Resistance Directory.

COMPUTER EXPERIENCE/KNOWLEDGE:

* Software: 3D Studio Max V4, AutoCAD R10-2000, AutoCAD Lt, MicroStation V4-J, Intergraph I/EMS & I/RAS, Computer Vision CADDs 4x, CADAM, Photoshop V7, Macromedia Flash, Adobe Premier, Acrobat, Corel Graphics, Microsoft Office, Corel Office, Front Page 2000.

* CADD Standards: VDOT S&B, National CAD Standard, Lantdiv, NASA.

* OS: Windows 95, 98, ME, NT and 2000 Pro. Solaris 7, Linux.

* Computers/Network: CAT5, T1, Coax, ADSL, SLIP, PPP, Ethernet, TCP/IP, IPX/SPX, Routing, NAT, PPTP, VPN, Proxy, Apache, IIS, Sendmail, POP3, DNS (MS and Named), DHCP (MS & DHCPD), WINS (MS & SAMBA), SMB (MS & SAMBA), NFS, FTP, SSH, SSI, CGI, HTML, Perl, ASP, HTML, CSS, VB Script, Javascript, Lisp, SQL, Visual Basic.

While the Internet is a great tool, please give me the opportunity to send a personalized cover letter and resume by contacting me by E-Mail; at sdoughtie@sean-doughtie.chesapeake.va.us.