

SUMMARY

Technical professional with over 13 years of hands-on experience in architectural CADD and technical illustration; Over 5 years of hands-on experience in digital content creation (3D-animation, video/multimedia production, web design, DTP); Over 4 years of hands-on experience in the design, installation, and operation of electronic display systems and computer networks; Over 3 years experience in custom web development and database programming.

TECHNICAL SKILLS

SOFTWARE:

- Operating Systems** – Linux (Debian, Ubuntu, Fedora), Microsoft Windows XP & Vista, Windows 2000 Professional, Windows 2000 Server, Windows NT 4.0, Windows 98/95, and Pocket PC/Windows Mobile.
- Desktop Office Applications** – MS Excel, MS Word, MS Access, Adobe Acrobat, and Open Office.
- Desktop CAD & Illustration Applications** – Revit, AutoCAD, CorelDRAW, Sketch-Up, Photoshop/ Image Ready, MS Visio and many other Open Source applications.
- Desktop Video/Animation/Multimedia Applications** – Newtek Lightwave 3D, Adobe After Effects, Adobe Premiere, Adobe Encore, Poser, Flash, Camtasia, Quicktime, Windows Media, and many other Open Source applications.
- Web Development Applications** – CouchDB, ExtJS, CSS, Javascript, PHP, MySQL, Joomla, Expression Engine, Word Press, Open Realty, Open-X Ad Server, Zen Cart, Miva Merchant, Click-Cart Pro, Adobe Go-Live, Macromedia Flash MX, Google Apps and many other Open Source applications.
- Software Development Applications** – Lazarus IDE, FreePascal, ExtPascal, Eclipse, Spket, Sencha Designer, Sencha Touch, PhoneGap.
- Sign Network/Trafficking/Operation Software** – Webpavement (Signhost, SignAdmin, and SignOS), Ad Art Stadiavision software, and Point (by Newton Software).

HARDWARE:

- System Integration** – Custom PC configuration for video control room applications, video servers, render farms, RAID, file servers, and back-up.
- Diagnosing/ Repair** – Basic upgrading, troubleshooting, and repairing of Windows and Linux PCs and peripherals (printers, routers, switches, etc.).
- Electronic Displays** – Lighthouse LVS-0620-56 LED display component's.
- Networking** – Custom 802.11 WiFi installation and operation, Verizon EVDO configuration, general Windows and Linux TCP/IP networking set-up and configuration, VPN WAN set-up using OpenVPN.

D. Shane Avery

Resume

135 Wheeler Woods Spur Road, Liberty, KY 42539 ... email: shane@averydc.com ... Mobile: (606) 706-0596

- DESIGN:**
- Architectural** – Residential and commercial building design and drafting. Creation and preparation of construction documents. Interior design documentation. Shop drawings and detailing. CAD software customization and management.
 - Web Site** – Custom HTML/CSS/MySQL database web site development, Flash, CMS (Expression Engine, Word Press, Joomla, Pligg, blogs, wikis, project management), and e-commerce (Zen Cart, Miva Merchant, & Click-Cart Pro).
 - Graphic** – Graphic arts and commercial art (logo designs, character development, advertising content, etc.).

PROFESSIONAL EXPERIENCE

Destination Commerce Corporation (d.b.a. OneBoat Outer Banks) – Manteo, NC

February 2009 - Present

Web Developer, Database Programmer, IT Manager, Software/System Architect

- :: Hired as a web programmer and developer to complete various IT, database application, email marketing, and database-driven website projects. Created, developed, and maintain several data-driven websites based on Expression Engine CMS framework and MySQL database (including custom HTML code, CSS code, Javascript code, PHP code, MySQL code etc.). Developed a custom email marketing system using Mail Chimp service and software, RSS feeds, and Expression Engine templates. Developed custom RSS feeds and XML Ical applications for website users and customers. Developed custom "Advertiser Marketing Interface" web application, based on Expression Engine and custom MySQL statements, PHP scripts, data entry/edit forms, Javascript, and Flash Action-scripts. Developed custom PHP extensions and plug-ins for Expression Engine. Integrated several web applications into company websites including "light-boxes", "Flash" animations, JQuery and JQuery-ui components, streaming video and more. Configured and maintain company LAN (Windows based workstations, WIFI Access Point, router, switches, printers, etc.) used for company operations in Manteo office. Built, configured, and maintain Linux based file server and redundant back-up file server for company operations. Set up VPN on file server for multi-office WAN using OpenVPN software. Researched and developed a new enterprise level software project called "OneBoat Enterprise" based on Lazarus/FreePascal, CouchDB, ExtJS-4, Sencha Touch, PhoneGap, and dependant libraries.

Bennett Rosser International – Lexington, KY

February 2008 – February 2009

Architectural CAD designer, modeler & technician

- :: Hired as level 3 technician providing 2D and 3D design services using mostly Autodesk Revit, AutoCAD, and Google Sketchup. Worked in team environment developing design and construction documents for Georgetown College (KY), Pulaski Judicial Center (KY), YMA manufacturing (AL), and Tuskegee University (AL). Gained extensive experience creating Revit parametric "families" and programmable objects.

Self-employed business owner, Avery Design & Consulting – Liberty, KY

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2006 - Present

E-commerce Web Developer & Business Owner/ Operator

- :: Modified and managed Las Vegas realtor website – marthabender.com. Static HTML site.
- :: Created local berry farm e-commerce website – RainbowHarvestFarm.net. Created using Zen-Cart CMS framework and various plug-ins.
- :: Created and maintained private tours & travel website – PremierToursOnline.com. Created using Joomla CMS framework and various plug-ins.
- :: Created, designed, developed and currently own and operate (3) e-commerce website businesses – Shesforfree.com, Sheshoedeals.com, Athleticshoes4less.com. Manage all operations end to end using Miva Merchant, Zen Cart, PayPal, USPS, and others to sell overstocked footwear on the web. All sites are currently live.
- :: Started web based Linux server business venture with associate – Ossabox.com (still in its infancy). OSSAbox provides open source server appliances for small business networks. Created and maintain the company website and run operations which includes building and configuring custom servers. Built (4) custom servers and workstations.
- :: Created and maintain on line mortgage and realty website – The Mortgage Shoppe LV, LLC. (themortgageshoppe.lv.com, homesbytheshoppe.com). Created using Joomla and Open Realty CMS frameworks.

Technical Support, Design & Consulting

- :: Created/ Authored user manual and video screen-cast tutorial for Ad Art VS Sports Controller software (custom Windows application for football stadium scoreboard operation).
- :: Provided troubleshooting, diagnostics, and repair services for Ad Art Electronic Sign Company and the Frederick Keys baseball club. LED display (video) board was malfunctioning at the Keys Stadium in Frederick, MA. Provided on-site repairs and upgrades to the LED display and controlling equipment.
- :: Provided tech support, training and network design services for local businesses. Provided network LAN design service for True's Electric, Liberty KY. Provided PC based security system support for Polly's II shoe outlet, Danville, KY. Assisted System Design Works in Las Vegas, NV to design and implement a LAN for a Las Vegas Accounting firm using OSSAbox servers.
- :: Provided troubleshooting, diagnostics, and repair services for Ad Art Electronic Sign Company and the Wilkes-Barre Yankees. LED display (video) board was malfunctioning at the newly renovated Wilkes-Barre Stadium in Scranton, PA. Provided on-site repairs and upgrades to the LED display and controlling equipment.
- :: Provided telephone & e-mail support services for Ad Art Electronic Sign Company customer - House of Blues in Orlando, FL. Provided support for legacy sign control software, "Point" by Newton Software.
- :: Provided design and consulting services for System Design Works in Las Vegas, NV. Conducted research for a remote controlled outdoor video advertising network. Performed evaluation and testing of commercial message creation software for small electronic displays.

Animation, Digital Content Creation, CAD

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- :: Created several environmental and simulation animations for the HBO electronic sign in Los Angeles, CA as a contractor to Ad Art Electronic Sign Corp.
- :: Created an electronic sign simulation animation for the Luckman Art Gallery in Los Angeles, CA as a contractor to Ad Art Electronic Sign Corp.
- :: Created 3D digital mascot for Kahunaville Restaurant & Party Bar in Las Vegas, NV. Designed and created all digital assets for commercial advertisement using Lightwave 3D, Adobe Photoshop, and Adobe After Effects software. Modeled, textured, animated, rendered, composited, and finished mascot animation for intro and conclusion of video advertisement.
- :: Created 3D animation of automation equipment for Celerity Automation, Inc. in Paintsville, KY. Outlined and storyboarded several animations to demonstrate a custom application of their materials handling robotics system proposed for a Honda manufacturing facility. Modeled, textured, animated, rendered, composited, and finished demonstration animations for sales presentation (including audio).
- :: Created set of construction documents and CAD drawings for residential guest house project in Las Vegas, NV (Architect: Mike Purtill) & House of Worship in Liberty, KY.

Wynn Design & Development – Las Vegas, NV

2006

Interior Design CAD designer

- :: Hired on a temporary contract basis to assist Wynn Design & Development with various interior improvement projects within the Wynn Las Vegas resort complex. Focused mainly on custom millwork, moulding, lighting, and finishes.

Urban Display Network LLC - Las Vegas, NV & NY, NY

2003 -2006

System Designer , System Installer , and Operations Manager

- :: Worked with IT manager to design from scratch a complete network infrastructure for implementing the first US outdoor electronic display network for 3rd Party advertising.
- :: Coordinated and participated with NY MTA, Clear Channel Outdoor, Lighthouse Inc., and Joint Merit in the installation of 80 outdoor electronic displays in Manhattan.
- :: Ran trafficking operations using Webpavement software for 3 years running, until contract expired with Clear Channel Outdoor in NY.
- :: Managed and directed (2) service technicians who performed upgrades, repairs, and software maintenance on computers and electronic display components.
- :: Coordinated with Clear Channel advertising executives and their clients to format and create still image, animated, and video advertisements to run on the network.
- :: Created and maintained UDN's corporate website that included interactive features such as a Flash sign locations map, an advertisement proofing area, and a project management interface.

Self-employed – Las Vegas, NV

2001-2003

Architectural Designer, Digital Content Creator, Technical Consultant, Web designer

- :: Designed and drafted (CAD) several custom residential, religious, and commercial T.I. projects.
- :: Created several websites for various clients including: Digital Model Shop, Deluxe Posters, Networx, inc., 1-800-FLOODED, Enhance Solutions, Lori Shannon Realtor, and Glamor Las Vegas.

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- :: Created several animated and video advertisements for electronic sign owners and their clients including: Mahlmann Media, Mercado Del Sol, Blue Haven Pools, O-Aces bar, Cal-Fed Bank, Channel 3 Chatanooga, Sacramento Rivercats Baseball, Hamilton Place Mall, Table Mountain Casino, Bank of the West, Yellowbook, Selma Auto Mall, Chip-N-Dales, Future Ford, Acme AC, KRZR Radio, Fresno State University, and many others to numerous to mention.
- :: Created several 3D animations used in television commercials for Kahunaville, Alaris Media, and High Quality Productions and its clients including: Bank of the Sierra, the City of Corcoran, Plug-Grip, and Sierra View Hospital.
- :: Consulted for System Design Works, inc. during various technical projects including: control room design for the Freemont Street Experience outdoor video display vault in Las Vegas, software manual creation for the P.I.D.S. sign software project, and software documentation for the "signcntrl.dll" software component.
- :: Provided content creation software training for Don Bell Signs and their clients including: Pachino's Restaurant in Orlando and Kansas City Speedway.

Ad Art Electronic Sign Corp. – Las Vegas, NV

1996-2001

Director of Video Services

- :: Produced, scripted, created assets for, edited, and finished all in-house promotional, training, and corporate videos for Ad Art and its parent company, Display Technologies.
- :: Created several 3D animated "pre-visualizations" for animated sign spectacles that were later constructed after being awarded the contract.
- :: Created 2D and 3D sports and advertising animations for sign customers (stadiums and malls) that were packaged with the sale of their electronic displays.
- :: Built and maintained custom computer systems for in-house content creation including workstations, video servers, and a render-farm network.
- :: Assisted the R & D department in the design of stadium video control room hardware and software to integrate new electronic display installations with existing control room equipment.
- :: Created and maintained Ad Art's corporate website.

Mikohn Sign Labs – Las Vegas, NV

1995

Animator

- :: Created 2D and 3D animations for sign customers and company promotional use.
- :: Pioneered the integration of then "industry standard" digital content creation software with electronic display output software.

Self-employed – Las Vegas, NV

1994-1995

Architectural Designer and Technical Consultant

- :: Designed and drafted (CAD) several custom residential and religious projects. Drafted custom swimming pools for Mirage Pools.
- :: Designed and maintained a custom home inspection database application for "Mr. Inspector" using MS Access.
- :: Performed construction loan "voucher control" inspections for Cal-Fed/Pri-Merit/Wells Fargo banks.

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- :: Created custom logos, business cards, and letterheads for local Las Vegas businesses.

Barry Greene, A.I.A./ Steven Small A.I.A. – Las Vegas, NV

1993-1994

CAD Operator

- :: CAD drafted commercial projects for Barry Greene Architect including: Morongo Hotel & Casino, Bank of America, Funtasmic amusement park, and Ladki Rental Car facility.
- :: CAD drafted custom residential projects for Steven Small Architect.

Self-employed, volunteer – Las Vegas, NV & NY,NY

1986-1993

Architectural Drafter – Construction Trades

- :: Designed and drafted custom homes for local Las Vegas contractors.
- :: Volunteer construction worker at world headquarters of Watchtower Bible & Tract society, NY.
- :: Worked in various construction trades (drywall, painting, framing, flooring, etc.).

EDUCATION

Southern Nevada Vocational and Technical Center

1986-1987

Drafting Vocational Training and Certification

- :: Basic drafting, repro-graphics, and CAD training (AutoCAD 2.0, VersaCAD).
- :: Winner of Southern Nevada Homebuilders Association "home design scholarship" in 1987 for best residential design.

Ed W. Clark High School - Southern Nevada Vocational and Technical Center

1984-1987

High School Graduate

- :: 3.8 grade point average.