

**DESIGN / DEVELOPMENT / CREATIVE DIRECTION**

Founded **XoneLabs**, a creative firm specializing in the development and maintenance of lightweight, standards-compliant, user-centered web and computer applications. Expanded and re-branded, now serving as a freelance designer, developer, creative director, and all-around problem-solver, with clients in TX, CA, NY, AZ, TN, IL, MI and OH, including:

- American Concrete Institute**    Designed prototype web-based database system for archiving specifications from fiber-reinforced-concrete applications. Spearheaded web-based marketing campaign, developed product and character animations, and composed musical intros, bumpers, and loops.
- INReview.com**    Developed content and graphics for community-based (ad-funded) online discussion forum. Led focused marketing efforts to increase membership by 330% (to over 92,450), achieving peak rate of 2M+ site hits per day. Recruited and mentored staff members; authored policies governing site administration. Consulted on branding, advertising, and feature development.
- Houston Christian High School**    Designed/authored ASP-driven dynamic content delivery systems, graphic elements, and content for school website. Designed/programmed multimedia kiosk for school lobby. Authored stock audio and video clips for athletic stadium scoreboard. Assisted in school-wide branding unification, marketing, and accreditation.
- Arizona Protect-a-Dog**    Offered *pro bono* website design and publicity services to youth-led non-profit organization benefiting K9 law enforcement units.
- Southern Sound Systems**    Developed company logo, promotional materials, and website. Exceeded Search Engine Optimization goals by achieving first-page rankings for each of five key services.
- Raining Jane**    Developed an engaging online presence for L.A. folk-rock band, including graphic design, mailing list management, tour scheduling, music player, and online merchandising.
- Kris Becker (Frozen Heat Records)**    Managed publicity and design for internationally-touring concert pianist (*krisbeckermusic.com*), including graphic design, web design, copywriting, video production, and marketing for founding of Frozen Heat Records and release of debut album, *Inventions*.
- Connexions (cnx.org)**    Designed/developed user interface elements for open-source online academic publishing project. Conducted user experience and usability research.
- Apache Corporation**    Created web-based, multidimensional data visualizations and animations to support multinational oil-and-gas production analyses.
- Rice U. Centennial Celebration**    Spearheading graphic design, web design, content development, and social media initiatives. Consulting on event planning/production, student relations, and historical research.

**INFORMATION TECHNOLOGY AND NETWORK ADMINISTRATION**

- Rice University**  
*fall 2007*    Worked at client services Helpdesk, assisting students, faculty, and staff with computer repairs and various academic computing issues. On-call systems administration and problem-solving at residential college (400+ students). Authored and maintained technical documentation.
- Houston Christian High School**  
*fall 2002 – fall 2006*    Managed Active Directory and IIS across multiple domain controllers and data servers. Updated and administered Microsoft Exchange server. Collaborated with department staff and consultants on implementation of custom cache server to cut data transfer costs by over 30%. Responsible for laptop diagnostic and repair. Facilitated creation of custom database for repair tracking and incident management. Managed imaging/configuration of 300+ laptops per year via Remote Installation Services. Developed curriculum and teaching resources for new Technical Applications class, and mentored Student Technology Assistants. Authored policies and procedures governing network security, email usage, and Internet access.

(please also see reverse page)

**AUDIO/VIDEO ENGINEERING AND TECHNICAL THEATRE**

- Theatre @ Rice University**  
*fall 2006 – spring 2010* Provided lighting, scenic, and sound designs, technical direction, and special effects direction for a variety of on-campus theatre groups: *Into the Woods* (Rice Players), *Much Ado About Nothing* (Baker Shakespeare), *Urinetown* (Wiess Tabletop Theatre), *Proof* (Rice Players), *Richard III* (Baker Shakespeare), *Odd Couple* (Will Rice Players), “*Retrospection*” (Rice Dance Theatre), and *The Importance of Being Earnest* (Rice Players).
- Houston Christian High School**  
*fall 2002 – spring 2007* Responsible for setup, operation, and strike of all media systems for school events, including weekly Chapel services, educational productions, and athletic events. Streamlined equipment set-up to facilitate easy use by staff. Recruited, trained, and managed student AV production team. Redesigned/rebuilt ‘TV Studio’ for video technology class to increase availability and effectiveness of equipment. Mastered concert choir and vocal ensemble recordings. Consulted on architecture, design, and installation of electrical and audiovisual systems for new \$5M+ chapel and \$10M+ performing arts complex.
- The Mustang Players**  
*fall 2002 – fall 2007* Served as Technical Director, Lighting Designer, and Crew Head for large-scale dramatic and musical theatre productions, including *Guys and Dolls* (2003), *Crazy for You* (2004), *Singin’ in the Rain* (2005), *South Pacific* (2006), *Romeo and Juliet* (2007), and *The Crucible* (2007). Also provided sound design, rigging, stunt and swordplay choreography, cinematography, video editing, and DVD production. Mentored and supervised student crew members.
- First Baptist Church / FirstMedia**  
*fall 2001 – spring 2003* Assisted in design and installation of \$100k+ audio, video, public address, and lighting systems. Responsible for live production of worship services, school functions, and Vacation Bible School program. Assisted with field taping and post-production mastering and editing of promotional videos for **Living Proof Ministries** and **Metro Bible Study**.

**RELEVANT SKILLS AND CERTIFICATIONS**

- web design / development** W3C Certification: (X)HTML and CSS1/CSS2 specifications  
JavaScript, DOM, jQuery / XML / ExpressionEngine, Wordpress
- document and multimedia production** Microsoft Office Suite (Word, Excel, PowerPoint, Access, Outlook), Google Docs, LaTeX, Adobe Creative Suite (Acrobat, Photoshop, InDesign), Adobe Premiere, Final Cut Studio, ProTools, Adobe Audition, CoolEdit Pro, FLStudio, Finale/Sibelius
- application development / database admin** Java, PHP, MySQL, Apache

**ACADEMIC HIGHLIGHTS AND HONORS**

- Rice University** *B.A. Psychology, B.A. Cognitive Science*  
Graduate-level coursework in Psychology, Human Computer Interaction  
Research interests: Human Factors, HCI, Personality, Organizational Identification  
Guest lecturer, EDUC 585: “*Semantic Web Programming for Educational Resources*”  
Instructor, WILL 104: *Science of Interpersonal Relationships*  
Instructor, WILL 119: *Science of Magic and Illusion*  
J. S. Fulton Distinguished Service Award  
Dr. Gilbert “Doc C” Cuthbertson Distinguished Service Award
- Mass. Institute of Technology** Advanced theatrical lighting and rigging training  
Splash Seminar: Applied Algorithms and Data Structures
- Boy Scouts of America** Eagle Scout Rank  
National Youth Leadership Training (*Philmont Scout Ranch, Cimarron, New Mexico*)