

DAN SHUMAKER

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415-377-6318

SUMMARY

Expertise in Linux, Python, shell scripting, Maya Particles, HTML/css, and 3D Lighting and Rendering.

Extensive experience in: Drupal CMS, website, logo and brochure setup, design and maintenance with PHP, MySQL, Adobe Photoshop, Illustrator, and Dreamweaver. 3D Lighting and rendering with Maya, RenderMan and Mental Ray. Fluid simulations with Real Flow 4. Compositing with After Effects. C++ object oriented programming, PyQt4.

Broad knowledge of Apache, XML, System Administration, Networking, Physics, Calculus, Database Administration (Oracle and Mysql), Flash. Perl, Tcl/TK, Javascript, mel, Source control systems (CVS and Subversion).

EDUCATION

Golden Gate Baptist Theological Seminary, Mill Valley, California
Masters of Divinity May 2005

California Polytechnic State University, San Luis Obispo, California
Bachelor of Science: Computer Science: June 1995
Minor: Art: June 1995

WORK EXPERIENCE

Slash-FX, San Francisco, CA

January 5, 2009 – Present

Senior Database Developer: Develop digital asset manager database code and other script based tools to develop the new facilities Visual Effect Pipeline.

LIGHTSTREAM ANIMATION STUDIOS, Petaluma, CA (707) 780-8191

August 20, 2007 – November 16, 2008

Information Architect: Research and development on information systems. Evaluation, installation, setup and maintenance of render farm and professional production tracking tools (Qube, Alfred, and TACTIC). Build database driven internal website (based on Mac & Fedora, Apache, PHP, MySQL, and Drupal).

ACADEMY OF ART UNIVERSITY, San Francisco, CA (415) 681-3901

February 2005 – July 2007

Full Time Faculty: Teach lighting, texturing, particles, fluid simulations, rendering and compositing techniques to undergraduate and graduate students. Teach Real Flow 4, Maya, and After Effects. Help design and develop new curriculum for the Animation and Visual Effects department.

GOLDEN GATE BAPTIST THEOLOGICAL SEMINARY, Mill Valley, CA (415) 380-1678

January 2004 - March 2006

Library Systems Administrator: Maintained and managed the Library's Sun Microsystems catalog server. Perform backups, train staff, research and produce reports using MS Access and Endeavor's Voyager software. Configure and improve website <http://library.ggbts.edu> 100 and 300 Level Endeavor Certified.

Web Developer: Designed and implemented website <http://catalog.ggbts.edu> which functioned as the 2004-2005 Seminary catalog and was mass distributed on CD to all prospective students. Designed and implemented website <http://mc.ggbts.edu> which functioned as the 2004 Missions Conference event website. Designed and implemented website <http://dminforms.ggbts.edu> which displays forms for the Doctor of Ministry department.

INDUSTRIAL LIGHT AND MAGIC, San Francisco, CA (415) 746-9000

June 1995 - February 2002

2000-2002: **SYSTEMS PROGRAMMER** C++ and python programming to convert Computer Graphic pipeline tools from SGI-IRIX to Linux. Programmed graphical user interface for new processor allocation system.

1998-2000: **TECHNICAL DIRECTOR:** Small Soldiers, Star Wars 1, Perfect Storm, Deep Blue Sea, Star Wars Episode One DVD Special Edition : Shader Development, R-Man Rendering, Maya Particle Rendering, and Compositing.

1997: **ASSISTANT TECHNICAL DIRECTOR:** Flubber Credit Web page development, technical support, Rendered and Composited several CG shots for Flubber and Small Soldiers Publicity commercial

1996: **RENDER SUPPORT:** First Contact Credit. Scripting and Programming

1995: **TECHNICAL ASSISTANT:** Twister, Empire Strikes Back Special Edition Credits. Tape Backups.

References, Demo Reel, Portfolio and Recommendations available upon request.