

Mark D. Sandell

Campus Address

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Permanent Address

4690 Reagan St
Beaumont, TX 77706

Education

Purdue University – West Lafayette, IN

Bachelor of Science in Computer Graphics Technology (December 2009)

- Management Minor
- 3.8/4.0 Cumulative GPA
- Dean's List and Semester Honors

Experience

DreamWorks Animation – Glendale, CA

Technical Director – Shrek Forever After (Summer 2009)

- Provided technical support for artists in the lighting and surfacing departments
- Scripted show-specific and company-wide pipeline tools to aid the production workflow

KFDM-TV Channel 6 – Beaumont, TX

Graphics Intern (Summer 2008)

- Created daily news graphics, animations, banner ads, and miscellaneous content
- Served as grip on commercial shoots

Calvary Baptist Church – Beaumont, TX

Preteen Ministry Intern (Summer 2007)

- Developed graphic designs, publications, and videos, and mentored preteens

Freelance Advertising and Web Designs

- PerioPal, Sandell Computer Services, Sarah Christine Photography
- AAMCOBeaumont.com, CalvaryOnTheWeb.com, HaysMusic.net, NASCARdevos.com

Group Projects

“Coral Growth” – OpenGL research/simulation (March – April 2009)

- Diffusion Limited Aggregation simulation of coral growth with a scalar field and 3D isosurface

“Draconia” – Award-winning 2D video game project (January – February 2008)

- Composed music, compiled sound effects, programmed user interface, and tested gameplay
- Awarded “Best Interactive Piece” – ACM SIGGRAPH Purdue Student Chapter Spring Gallery

Computer Skills

- Languages
 - ASP, ASP.Net, C++, C#, CSS, HTML, Java, JavaScript, MySQL, OpenGL, PHP, Python, SQL, XML. Also familiar with MEL, Perl, VBScript
- Operating systems
 - Linux, Macintosh, Windows
- Software
 - After Effects, Dreamweaver, Fireworks, Flash, Freehand, Illustrator, Photoshop, 3D Studio Max, CATIA, Maya, Rhinoceros, Microsoft Office, Video Toaster, Visual Studio

Volunteer Experience, Activities, and Honors

- ACM SIGGRAPH Conference Student Volunteer (2007, 2008)
- Purdue University ACM SIGGRAPH Student Chapter
 - President (2008 – 2009)
 - Events, Store, and Web Team committee member (2006 – 2008)
- Purdue All-American Marching Band and concert bands, French Horn (2006 – 2008)
- Boy Scouts of America, Troop 177
 - Eagle Scout
 - National Life Saving Honor Medal
 - Order of the Arrow
 - Senior Patrol Leader (2003 – 2005)
- Calvary Baptist Church Orchestra (2004 – 2006)
- Day 4 Preteen Camp
 - Recreational Staff (Summer 2008)
 - Counselor (Summer 2006, 2007)