

JONATHAN PENNEY

jdpenney@gmail.com

905 Balcones Apt. 206
College Station, TX 77845
281-682-8950 (cell)

4202 Arapajo St.
Pasadena TX, 77504
281-487-3972

Objective: Seeking a position as a shading or effects artist, allowing me to integrate and cultivate my technical and artistic talents.

Education:

- Texas A&M University** – College Station, TX expected December 2008
Master of Science in Visualization Sciences
4.00 overall GPA
- Texas A&M University** – College Station, TX May 2006
Bachelor of Science in Computer Science, Minor in Mathematics
3.92 overall GPA

Experience:

- Graduate Research Assistant**, *Texas A&M University* September 2006 – present
 - Developing a C++ application to compute physically accurate illumination of objects in orbit around the earth using a hybrid ray-tracing/analytical approach.
 - Designing an interactive tool in C++/Qt/OpenGL to visualize the illuminated objects in 3D.
- Web Designer**, *PR Valves, LLC* June 2006 – December 2006
 - Independently designed a website for a start-up company using HTML, CSS, and JavaScript.
- Consultant**, *Valtech Technologies* May 2006 – September 2006
 - Worked with a small team to redesign an investment bookkeeping application in C# .NET.
 - Participated in design meetings with the client, often serving as the visual aesthetics expert.
- Web Technician**, *Texas A&M Health Science Center* May 2005 – June 2006
 - Maintained the department's website, adding new content as needed.
 - Provided general office technical support and troubleshooting.

Professional Skills:

- **Programming** – C/C++, OpenGL, Qt, RenderMan SL, MEL, HTML, CSS, XML, JavaScript
- **Software** – Maya, RenderMan/SLIM, Apple Shake, Photoshop, After Effects, Final Cut Pro
- **Computer Graphics** – Ray-tracing, compositing, shading, physical simulation, modeling

Honors and Activities:

- Association of Former Students Graduate Merit Fellowship (\$31,000) August 2006
- Industrial Affiliates Program Scholarship (2, \$1,500) August 2004 and 2005
- Dean's Honor List (4) Spring 2003, 2004, 2005, Fall 2005
- Texas A&M Academic Achievement Scholarship (\$12,000) August 2002
- Houston Endowment Inc. Scholarship (\$12,000) August 2002
- High School Valedictorian, *Sam Rayburn High School* May 2002
- Eagle Scout, *Boy Scouts of America* October 2000
- Inductee of the Golden Key International Honour Society, The Honor Society of Phi Kappa Phi, and the National Society of Collegiate Scholars