

## David Victor Morris

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<b>Education</b>	<b>Texas A&amp;M University, Visualization Laboratory</b>	College Station, TX
December 2007	Master of Science, Visualization Sciences Overall GPA: 4.0	
May 2005	<b>Texas A&amp;M University, College of Architecture</b> Bachelor of Environmental Design Overall GPA: 4.0	College Station, TX
<b>Experience</b>	<b>IT Consultant</b>	Houston, TX
2002 – Present	<i>Pariveda Solutions, Inc. (Jan. 2008 – Present)</i> <ul style="list-style-type: none"><li>• Developed a web portal using the Zend Framework for a digital rock physics laboratory</li><li>• Developed an enterprise Java web application on top of the Liferay open source portal framework for a B2B e-commerce startup</li><li>• Developed a proof of concept mobile application for the Google Android platform for a mobile application reseller</li><li>• Developed a revenue assurance application for a large retail energy provider in Houston using Microsoft Business Intelligence software</li><li>• Designed and implemented a series of databases and data integration processes to analyze electricity and gas consumption and compare billed volumes to purchased volumes</li><li>• Enabled client analysts and traders to make decisions based on the latest and most relevant data, protecting the company's gross margin</li></ul>	
	<b>Architectural Intern / Graphic Designer / Photographer</b>	Barcelona, Spain
	<i>Roldán+Berengué, arqts. (May 2006 – Dec. 2006)</i> <ul style="list-style-type: none"><li>• Developed a database of over 100 firm projects and designed an interactive web application using PHP/MySQL/JavaScript/ to view and search for projects (<a href="http://www.roldanberengue.com">http://www.roldanberengue.com</a>)</li><li>• Constructed 3d architectural models and renderings to communicate design decisions to clients</li><li>• Took photographs and prepared design competition entries that won a national €18,000 award</li><li>• Photographs published internationally in five architectural books and magazines</li></ul>	
	<b>Graduate Assistant Teacher</b>	College Station, TX
	<i>Texas A&amp;M University Department of Architecture (Aug. 2005 – Dec. 2007)</i> <ul style="list-style-type: none"><li>• Instructed over 75 students during three semesters in an undergraduate course covering all aspects of visualization related to the fields of architecture, graphic design and computer science</li><li>• Created a new curriculum for the entire course of which various sections have been adopted and reused by other professors of the same course and other graphics courses in later semesters</li><li>• Assisted a professor in a graduate level 3d animation and modeling course of 18 students in the Visualization Laboratory for one semester and led tutorials in and outside of class</li></ul>	
	<b>Web / Interaction Designer</b>	College Station, TX
	<i>Brazos Valley Design (May 2005 – Sept. 2005)</i> <ul style="list-style-type: none"><li>• Designed and programmed interactive websites using PHP, MySQL, and Flash for a variety of local businesses, restaurants, and bars in College Station</li><li>• Designed print and online advertisements used in local restaurant guides and coupon books</li></ul>	
	<b>IT Assistant / Computer Programmer</b>	College Station, TX
	<i>Texas A&amp;M Real Estate Center (June 2004 – Dec. 2004)</i> <ul style="list-style-type: none"><li>• Developed software applications in C++ and C# .NET, dynamic web content in ASP, and digital art for multimedia delivery</li></ul>	
	<b>Photographer</b>	College Station, TX
	<i>Texas A&amp;M Student Newspaper – The Battalion (May 2004 – Dec. 2004)</i> <ul style="list-style-type: none"><li>• Took photographs for the daily student newspaper</li></ul>	
	<b>Web Designer / Student Technician</b>	College Station, TX
	<i>Texas Agricultural Experiment Station (Sept. 2002 – May 2005)</i> <ul style="list-style-type: none"><li>• Designed web pages for the Agricultural Education Department at Texas A&amp;M to teach students in North and South America about agricultural entrepreneurship and disease prevention in crops</li></ul>	

**Professional**

**Computer Programming**

- Proficient in PHP, Zend Framework, Java, JavaScript , C++, Qt, C# .NET, SQL Server, OpenGL, XML, XHTML, CSS, MySQL, jQuery, Wordpress, Microsoft Data Integration (ETL) and Business Intelligence software development, OLAP Cube Processing, Reporting and Analysis Services, Experience with Python, Django, Android, Google App Engine, SharePoint Server

**Computer Software**

- Expert in Adobe Photoshop, Illustrator, InDesign, After Effects, Premiere, Audition, Flash, Dreamweaver, Eclipse, Autodesk 3D Studio Viz/Max, Maya, AutoCAD, TopMod, Google Sketchup, Eclipse CDT, Visual Studio
- Microsoft Certified Professional (MCP)

**Publications**

**Research**

Akleman, Ergun, Vinod Srinivasan, Jianer Chen, David Morris, and Stuart Tett. "TopMod3D: An Interactive Topological Mesh Modeler." Computer Graphics Society, Computer Graphics International, 9 June 2008, Istanbul, Turkey. CGI 2008. 9 June 2008. Computer Graphics Society. 5 Oct. 2008 <[http://www.cgi-conf.org/accepted\\_papers.html](http://www.cgi-conf.org/accepted_papers.html)>.

Morris, David V. "A New User Interface for a 3d Topological Mesh Modeler." Thesis. 19 Oct. 2007. Texas A&M University. 5 Oct. 2008 <<http://repository.tamu.edu/handle/1969.1/2>>.

Morris, David V., and Ergun Akleman. "Topological Mesh Modeling Workshop." Texas A&M University, International Society of Arts, Mathematics, and Architecture, 18 May 2007, College Station, TX. ISAMA 2007. 18 May 2008. Texas A&M University. 5 Oct. 2008 <<http://www.isama.org/conf/isama07/>>.

**Photography**

Ludevid, Jordi, and Inaki Alday. ARQCAT 1. Vol. 1. Barcelona, Spain: Actar D, 2008.

Gili, Gustavo. "CEIP El Catllar." Documentos de Arquitectura: DA-64 July 2008.

Gili, Gustavo. "BCN @ctiva." Documentos de Arquitectura: DA-64 July 2008.

Pérez de Lucia, Arturo. "Nueva Sede de Barcelona Activa." Infodomus: Construcción Sostenible y Edificios Inteligentes July 2006: 53-59. (Cover photo and interior photos)

"Barcelona Activa." Eme Dos: Agenda de la Construcción - Trimestre 3 July 2006.

**Affiliations**

The Congress for the New Urbanism	<i>Aug. 2009 – Present</i>
Rice Design Alliance	<i>Sept. 2009 - Present</i>
Houston Downtown Alliance	<i>Jul. 2009 - Present</i>
Big Brothers Big Sisters of Houston	<i>Feb. 2008 - Present</i>
Habitat for Humanity	<i>Jan. 2008 - Present</i>
Presenter - Texas Open Source Symposium 2008 - San Angelo, TX	<i>Apr. 2008</i>
Presenter - TexGraph 2008 - University of Houston	<i>May 2008</i>
Presenter - International Society of Arts, Mathematics, and Architecture (ISAMA) 2007 Conference - College Station, TX	<i>May 2007</i>
Student Representative – Visualization Laboratory	<i>Sept. 2005 – May 2006</i>
Aggie Computer Graphics Club	<i>Sept. 2004 – Dec. 2007</i>
Goldenkey International Honor Society	<i>Sept. 2003 – Dec. 2007</i>
Texas A&M Percussion Studio	<i>Sept. 2002 – May 2004</i>
Aggie Screenwriting, Acting, and Movie Production (SWAMP) Club	<i>Sept. 2002 – Dec. 2007</i>
KANM Student Radio	<i>Sept. 2002 – May 2003</i>

**Awards**

Texas Architectural Fund Scholarship	<i>Mar. 2006</i>
Texas A&M University Regents' Graduate Fellowship	<i>Sept. 2005</i>
Texas A&M University Thomas S. Gathright Academic Excellence Award	<i>Mar. 2005</i>
"Rookie of the Year" – Battalion Photography Desk	<i>Oct. 2004</i>
Texas A&M University Outstanding Student of the Year	<i>Apr. 2004</i>
Texas A&M College of Architecture Outstanding Student of the Year	<i>Mar. 2004</i>
Texas A&M College of Architecture Licht Memorial Scholarship	<i>Apr. 2004</i>
George Bush Presidential Library Foundation Grant	<i>Oct. 2003</i>
Texas A&M College of Architecture Dean's List	<i>2002 - 2004</i>
Texas A&M University President's Endowed Scholar	<i>Sept. 2002</i>
Eagle Scout	<i>Oct. 2001</i>