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Ran Gal - CURRICULUM VITAE

- Personal Information
- Born: 1969, ISRAEL
 - Citizenship: Israeli
 - Homepage: <http://www.cs.tau.ac.il/~galran/>
- Education
- 2006-today Ph.D. Tel-Aviv University Israel
Field of study: Computer Science. *Expected: 2010*
- Supervisor: Prof. Daniel Cohen-Or
 - Thesis Field: Computer Graphics
- 2001-2006 M.Sc. Tel-Aviv University Israel
Field of study: Computer Science. *Summa cum laude.*
- Supervisor: Prof. Daniel Cohen-Or
 - Thesis Field: Computer Graphics
- 1990-1994 B.Sc. Bar-Ilan University Israel
Majors: Mathematics & Computer Science. *Cum laude.*
- Publications
- Ran Gal, Olga Sorkine, Niloy J. Mitra and Daniel Cohen-Or
iWIRES: an analyze-and-edit approach to shape manipulation
ACM Transactions on Graphics, 2009, Vol. 28(3) (SIGGRAPH)
- Ran Gal, Ariel Shamir, Tal Hassner, Mark Pauly and Daniel Cohen-Or
Surface Reconstruction using Local Shape Priors
Eurographics Symposium on Geometry Processing, 2007, p. 253-262.
- Yaron Lipman, David Levin, Ran Gal and Daniel Cohen-Or
Volume and Shape Preservation via Moving Frame Manipulation
ACM Transactions on Graphics, 2006, Vol. 26(1)
- Ran Gal, Olga Sorkine, Tiberiu Popa, Alla Sheffer and Daniel Cohen-Or
3D Collage: Expressive Non-Realistic Modeling
Proceedings of the 5th international symposium on Non-photorealistic animation
and rendering, 2007, p. 7-14.
- Ran Gal, Ariel Shamir and Daniel Cohen-Or
Pose-Oblivious Shape Signature
IEEE Transactions on Visualization and Computer Graphics, 2007, p. 261-271
- Ran Gal, Olga Sorkine, Tiberiu Popa, Alla Sheffer and Daniel Cohen-Or
Non-realistic expressive modeling
ACM SIGGRAPH 2006, *Technical Sketches*

Daniel Cohen-Or, Olga Sorkine, [Ran Gal](#), Tommer Leyvand and Ying Qing Xu
Color Harmonization
ACM Transactions on Graphics, 2006, Vol. 25(3) (SIGGRAPH), p. 624-630

[Ran Gal](#), Olga Sorkine and Daniel Cohen-Or
Feature-aware texturing
Proceedings of *Eurographics Symposium on Rendering*, 2006. p. 297-303.

[Ran Gal](#) and Daniel Cohen-Or
Salient Geometric Features for Partial Shape Matching and Similarity
ACM Transactions on Graphics, 2006. Vol. 25(1), p. 130-150.

Ariel Shamir, Daniel Cohen-Or, [Ran Gal](#), and Lior Shapira.
The local diameter shape function
Proceedings of the Israel-Korea Bi-National Conference, 2005, p. 50-55.

Talks at
conferences and
seminars

ACM SIGGRAPH 2009, New Orleans, USA, August 2009
VisTec - Microsoft Research, Redmond, USA, August 2009
Microsoft Research, Redmond, USA, August 2008
ACM SIGGRAPH 2006, Boston, USA, August 2006
AMoRe Seminar, University of British Columbia, Vancouver, Canada, July 2006
Eurographics Symposium on Rendering, Cyprus, June 2006
Central Israel SIGGRAPH Professional Chapter, Tel Aviv University, June 2006
Fundamentals of Virtual Reality and Medical Applications. Interdisciplinary
Center, November 2004

Other activities

Aug-Oct 2009. Internship at Microsoft Research Redmond in the Interactive
Visual Media group, working with Johannes Kopf and Michael Cohen.
Aug-Oct 2008. Internship at Microsoft Research Redmond in the Computer
Graphics group, working with Hugues Hoppe. Development of new method to
texture 3D models from images.
Aug-Oct 2005. Internship at Microsoft Research Asia/China in the Internet
Graphics group, working with Baining Guo. Development of new method to
increase the harmonic relationship of colors in digital images.

Professional
experience

1986-2004 [HAR-GAL Payroll & H.R. Solutions Ltd.](#)
CTO and R&D Manager

Payrolls and Human Resources management solutions for mid- and large-sized
companies, such as Microsoft Israel, Intel, Oracle Israel, Check-Point,
McDonalds, HP-Indigo etc.

1995-2004 R&D Manager / CTO

- Migration of main system to WIN32 Platforms
- Interfacing with third parties products: SAP, Oracle/ERP etc.
- Responsible for ISO-9002 certification.
- Marketing Support

1991-1994 Team Leader / Project Manager

- Led two teams: (1) Algorithms team (2) Infrastructure team

1986-1990 COBOL / Assembler / C / C++ Programmer

Additional professional activities

1990-Present [IDAN Computers Ltd.](#)
Chief Scientist

IDAN is a software company since 1971, providing image analysis, CAD and 3D modeling tools. Industry applications include transportation, Infrastructure development, engineering, law enforcement, homeland security and more. IDAN's customer base consists of government authorities at the international and local level, military and law enforcement agencies, and private industry.

Languages

Hebrew, English