

Tal Hassner

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- EDUCATION ♦ **Weizmann Institute of Science**, Rehovot, Israel.
Ph.D. in Applied Mathematics and Computer Science, September 2006.
M.Sc. in Applied Mathematics and Computer Science, August 2002.
- ♦ **Academic College of Tel-Aviv Yaffo**, Tel-Aviv, Israel.
B.A. in Computer Science, August 1998.
- PH.D. “Building 3D Shapes from Parts.” Supervised by Prof. Ronen Basri.
DISSERTATION
M.SC. “What Does the Scene Look Like From a Scene Point?” Supervised by Prof. Michal Irani.
DISSERTATION
- AWARDS ♦ AIM@Shape Best Paper Award, 2005.
 ♦ Best Student Paper Award, at the IEEE International Conference on Shape Modeling and Applications (SMI) 2005.
 ♦ Graduate student scholarship, Feinberg Graduate School, Weizmann Institute of Science 1998–2006.
 ♦ Academic College of Tel-Aviv Yaffo, Excellent Academic Achievement award, 1997.
 ♦ Israeli President’s Award for Outstanding Service in the IDF, 1993.
 The highest service award available to IDF soldiers. Awarded for work on large scale financial database systems.
 ♦ Commanding General’s Award for Outstanding Service in the IDF, 1993.
 The second highest service award available to IDF soldiers.
- ACADEMIC ♦ **Weizmann Institute of Science** Postdoctoral fellowship. Dept. of Computer Science
POSITIONS and Applied Mathematics. July 2006–June 2007.
 ♦ **Academic College of Tel-Aviv Yaffo** Junior staff member. Dept. of Computer Science 2000–2006.
- TEACHING ♦ **Academic College of Tel-Aviv Yaffo**, Computer Science Dept. 1997–present
EXPERIENCE Teaching the following undergraduate level courses:
- Introduction to the Theory of Computation (Computer Language Theory, Computability, and Complexity).
 - Introduction to Computer Science and the C Programming Language.
 - Fundamentals of Computer Vision and Image Processing.
 - Computer Structure and Design (Discrete Systems).
 - Supervised dozens of student final projects in a wide range of topics. Sample projects available through web-page.

Anonymous, end-of-term, student feedback, both statistical and free text, can be translated and provided on request.

◇ **Kedem Professional Training.** 1995-1997.

Teaching the courses: Object Oriented Design, Programming in C\C++, and Introduction to Software Engineering.

RELATED ◇ **MTI Systems, Ltd.** 1997.

EXPERIENCE Computing Manager. Managing all computing activities in the company. In particular, MATLAB simulations of RF communications for both commercial and military systems.

◇ **Tescom, Ltd.** 1994.

Team leader in software testing projects.

◇ **Israel Defense Forces (IDF).** 1991-1994.

Mainframe database systems developer and project leader.

PATENTS ◇ **“Example Based 3D Shape Reconstruction from a Single Image”** US patent application No. 60/750,054 filed on December 14, 2005.

(PENDING)

◇ **“Minimal-Cut Model Composition”** US patent application No. 60/681,052 filed on May 16, 2005 and US patent application No. 60/682,401 filed on May 19, 2005.

PUBLICATIONS Ran Gal, Ariel Shamir, Tal Hassner, Mark Pauly and Daniel Cohen-Or, “Surface Reconstruction using Local Shape Priors,” Proceedings of the fifth Eurographics Symposium on Geometry Processing (SGP), Barcelona, Spain, in press, July 2007.

Ronen Basri, Tal Hassner and Lihi Zelnik-Manor*, “Approximate Nearest Subspace Search with Applications to Pattern Recognition,” IEEE Conference on Computer Vision and Pattern Recognition, in press, June 2007.

*Author names in alphabetical order due to equal contribution.

Tal Hassner and Ronen Basri, “Automatic Depth-Map Colorization,” Eurographics (short), pages 73–76, Sept, 2006.

Tal Hassner and Ronen Basri, “Example Based 3D Reconstruction from Single 2D Images,” Beyond Patches Workshop at IEEE Conference on Computer Vision and Pattern Recognition, June 2006.

Tal Hassner, Lihi Zelnik-Manor, George Leifman and Ronen Basri, “Minimal-Cut Model Composition,” IEEE International Conference on Shape Modeling and Applications (SMI), pages 72–81, June 2005.

Michal Irani, Tal Hassner and P. Anandan, “What Does the Scene Look Like from a Scene Point?” Proceedings of the 7th European Conference on Computer Vision (ECCV), part II, pages 883–897. May 2002.