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Noam Knoller :: Van Reigersbergenstraat 224, Amsterdam 1052WS  
email: knoller at gmail.com :: Website: [www.knoller.com](http://www.knoller.com) :: (m)+31.6.42801925

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## Education

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- 9/2007 - now      PhD candidate at the Amsterdam School of Cultural Analysis
- Amsterdam University**      • Participant in ASCA (Amsterdam School of Cultural Analysis) theory seminars "Ways of Knowing" (2005/6) and "The Object Speaks back" (2006/7)
- 2003-2004      MA in interactive multimedia.
- Utrecht School of the Arts**      • Produced and developed "Interface Portraits" - a novel interactive video storyteller system.
- 2001-2003      MFA (Summa Cum Laude) in Film and TV (Average: 96/100).
- Tel Aviv University**      • Produced and developed first interactive narrative video in Israel.
- 1997-1998      Graduate studies, the Kohn Institute for the history and philosophy of science and ideas.
- Tel Aviv University**
- 1993-1997      The Adi Lautman Interdisciplinary program for the fostering of excellence.
- Tel Aviv University**      • Studied film production, cognitive science and philosophy. Also studied other arts, humanities and sciences subjects.  
• Completed short 16mm film, shown in international festivals.

## Publications

- 2004      Knoller, N., *InterFace Portraits: Communicative-Expressive Interaction with a Character's Mind*, ACM Multimedia 2004 - SRMC'04, October 15, 2004, New York, New York, USA, ACM Press.
- 2003      Dekel, A., Knoller, N., Ben Arie, U., Lotan, M. and Tal, M., *One Measure of Happiness - A dynamically updated interactive video narrative using gestures*, in M. Rauterberg et al. (Eds.) Human-Computer Interaction - INTERACT'03, Amsterdam: IOS Press, IFIP, 2003 p. 1011-1012.

## Grants

- 2003      Film production grant from the Israeli 2<sup>nd</sup> channel broadcast authority Snunit fund.
- 1993-1997      Five consecutive study grants for academic excellence from Tel Aviv university.

## Teaching Experience

- Tel Aviv University, Dept. of Film and TV**      • Instructor, workshop in interactive digital media for first year MFA students. (2001-2003)
- 1998-2003      • Co-instructor, course in Interactive 3D design, co-developed with a colleague from the department of Computer Science, to final year students from both departments (1998-2001).  
• Instructor, core courses on cinematic expression, film analysis and non-linear editing.

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## Professional Experience

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- ICATT interactive media**  
1/2006-
- Project manager, Interaction designer**
- Interaction designer and project management team member for LEAD, a European Framework Programme 6 IST research on E-learning in the classroom. Responsible for user experience, dissemination and management roles. See also <http://www.lead2learning.org>
  - Project manager on other commercial E-learning projects. See also <http://www.icatt.nl>
- Freelance work**  
2/2005 - 9/2005
- Interactive multimedia specialist**
- Re-designed and implemented Flash search interface for a research website of European TV archives (Noterik Multimedia BV). Now online at <http://birth-of-tv.org/birth/timeline2.do>
  - Instructor at workshop on interactive storytelling (Stichting Vario Mundo).
- Tel Aviv University, Dept. Of Computer Science**  
1998-2003
- Researcher**
- Engaged in joint research project on Knowledge-Based Formalization of Cinematic Expression and its Application to Animation (presented in Eurographics 2002 by Doron Friedman)
  - Co-defined research objectives and methodology from a film-theoretic perspective in my capacity as domain expert.
  - Prepared 3D animation materials, VRML models and code.
- Freelance work**  
1996-2005
- Film and Video Editor**
- Edited 4 documentaries broadcast on national Israeli TV.
  - Edited news items for Israel's channel 2 news corporation.
  - Edited and directed several dozen short films, TV magazine items (for cable TV channels 6 & 8) music videos, and experimental films.
- ABN Global (megagiga.com)**  
2000
- Chief Creative Officer**
- Responsible for planning and implementing company's web sites.
  - Recruited, trained and managed staff of 4.
  - Supervised establishment of community support, portal content and GUI design and production.
- earthnoise.com**  
1999 - 2000
- Editor and Community Products Manager**
- Founding team member of a web site dedicated to streaming video for home users and small businesses.
  - Responsible for defining company products and policies.
  - Managed all community and editorial related products and acted as web site's editorial voice and presence in community activity.
  - Recruited, trained and managed staff of 13 in community development, editorial content production and customer support, in Tel Aviv and San Francisco.
  - Dealt with market research, specification and implementation.
- Sapiens Ltd.**  
1998
- Freelance Interactive environments designer**
- Designed prototype for 3D virtual store in VRML code.

**103FM Radio Station**

1995

**Radio DJ**

- Edited and presented over 20 hours weekly broadcast on Israel's most commercially successful radio station.

**Ha'aretz Daily Newspaper**

1995

**News editor**

- Collected daily news feeds from correspondents and agencies
- Re-formatted articles for publication in Israel's most distinguished newspaper.

**Al Hamishmar Daily Newspaper**

1993-1995

**News editor**

- Collected daily news feeds from correspondents and agencies and re-formatted them for publication.

**Computer Skills**

- Proficient in interactive multimedia authoring tools such as Director 8-MX and Flash 4-MX, including high-level Lingo Programming and ActionScript coding
- Proficient in video editing and compositing software, such as Avid Media Composer, Final Cut Pro 3, Adobe Premiere 6, Sony Vegas and Adobe AfterEffects.
- Good knowledge of 3D Studio Max 2.5, 3.1 and 4.
- Deep understanding of VRML.
- Thorough experience with Adobe Photoshop and other imaging software.
- Good knowledge of HTML/css, some knowledge of javascript and c++.

**Languages**

- Hebrew - Native
- English - Excellent
- Dutch - Fluent
- Arabic - Read and understand spoken
- French - Read and understand spoken
- Italian - Read non professional literature
- German - Read non professional literature