

# DINA UTAMI

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## ACADEMIC INTERESTS

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Human Computer Interaction, Virtual Agents, Healthcare Technology, Learning Technology.

## EDUCATION

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- 2008 – 2010     **M. Sc., Northeastern University:** Computer Science  
Master project: Design, implementation and evaluation of a group counseling agent.
- 2000 – 2005     **BE, Gadjah Mada University:** Electrical Engineering  
Specialization: Computer Systems and Informatics  
Undergraduate project: “English for Kids” development of multimedia educational software

## SCHOLARSHIPS

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- 2008 - 2010     Fulbright Master’s Degree Program  
2008 - 2010     Northeastern University - Stipended Graduate Assistantship (SGA)

## ACADEMIC AWARDS

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- 2010            Finalist, 10th International Conference on Intelligent Virtual Agents- Gathering of Animated Lifelike Agents (GALA), Pennsylvania USA.

## RESEARCH / PROJECTS EXPERIENCE

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- 2009/2010     **Relational Agents Group, School of Computer Science, Northeastern University**  
Supervisor: Timothy Bickmore, Ph. D. Project goal: design, implementation an evaluation of an animated conversational agent that functions in the role of a group facilitator for health behavior change counseling. *Studied literatures in group counseling, designed group-agent interaction, integrated RF input devices with the agents for group interaction, conducted pilot study, analyzed results.*
- 2007/2008     **Computer Centre, Yogyakarta State University**  
Supervisor: Herman Dwi Surjono, Ph. D. Project goal: developing e-learning with multiple modes depending on user’s comfort level with computer technology. *Conducted users study: interview & questionnaire, developed scenarios, user testing.*

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- 2006            **Learning Technology Centre, School of Psychology, Gadjah Mada University**  
Supervisor: Djamaludin Ancok, Ph. D. Project name: Advanced Leadership and Innovation in Virtual Environment (ALIVE). Project goal: Developing web based e-learning to teach advance leadership and innovation in an organization. *Designed and implemented educational multimedia illustrations and games.*
- 2006            **Learning Technology Centre, School of Psychology, Gadjah Mada University**  
Supervisor: Dr. Neila Ramdhani. Project name: Success Skill CBT. Project goal: developing computer-based training to teach social, learning, and problem-solving skills to arriving college freshmen, in preparation for campus life. *Designed and implemented educational games and ilustrations.*
- 2004 – 2005    **Human Computer Interaction Lab., Electrical Engineering, Gadjah Mada University**  
Supervisor: Dr. Rudi Hartanto. Project goal: developing educational software for teaching English as a second language for children. *Conducted ethnographic study at a languange institute, designed and implemented multimedia animations and presentations, educational games.*
- 2003            **Magister of Information Technology, Gadjah Mada University**  
Supervisor: Lukito Edi Nugroho, Ph. D. Project goal: digital content creation. *Created digital content for computer-based information systems course.*

## CONFERENCES

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Utami, D., Bickmore, T. (2010) Group Counseling Agent. Video Demo and Short Paper. *Intelligent Virtual Agents (IVA)- Gathering of Animated Lifelike Agents (GALA) 2010*, Pennsylvania, USA.

## PUBLICATIONS

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Utami, D. (2007) Information Literacy in Higher Education. *Yogyakarta State University Learning Science Magazine*, no. 2, vol. 4, October 2007, Yogyakarta, Indonesia (in Indonesian).

Utami, D. (2011) Animation in Learning. *Yogyakarta State University Learning Science Magazine*, no.1, vol. 7, Mei 2011, Yogyakarta, Indonesia (in Indonesian).

## PRESENTATIONS and WORKSHOPS

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- 2010            Using Adobe Flash to Design a Quiz. Workshop of the Instructional Skills Training and Development Centre, Yogyakarta State University, Yogyakarta, Indonesia.
- 2007, 2008    Computer and IT Skills Training for University Freshmen. Yogyakarta State University, Yogyakarta, Indonesia.
- 2007            Designing Multimedia for Teaching and Learning. Workshop of the Instructional Skills Training and Development Centre, Yogyakarta State University, Yogyakarta, Indonesia.
- 2007            E-learning Using the *Moodle* Learning Management System. Yogyakarta State University, Yogyakarta, Indonesia.

## TEACHING EXPERIENCE

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**Instructor**  
**Yogyakarta State University, Indonesia.**

## Dina Utami

Semester II, 2011	Algorithm and Programming, Educational Software Engineering
Semester I, 2011	Human Computer Interaction, Operating Systems
Semester II, 2010	Introduction to Information Technology, Introduction to Computers and the Internet
Semester I, 2008	Computer Animation
Semester II, 2007	Introduction to Information Technology, Computer and Computer-Based Instructional Technology
Semester I, 2007	Computer Animation
Semester II, 2006	Multimedia Design, Introduction to Information Technology