

Zach Tomaszewski

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<http://zach.tomaszewski.name>

Education

- Aug 2013 (*expected*) **Master of Science** – Computer Science
University of Hawai'i at Manoa, Honolulu, Hawai'i.
- Aug 2011 **Doctor of Philosophy** – Communications and Information Science
University of Hawai'i at Manoa, Honolulu, Hawai'i
Dissertation: *Marlinspike: An Interactive Drama System*
- Dec 2001 **Master of Library and Information Science**
University of Hawai'i at Manoa, Honolulu, Hawai'i.
- May 1999 **Bachelor of Arts** – Philosophy
Alma College, Alma, Michigan.
Graduated *summa cum laude*.

Employment

- Aug 2002 - Present **University of Hawai'i at Manoa – Teaching Assistant**
Information and Computer Science Department.
Honolulu, Hawaii.
- Lectured on course content in both classroom and lab settings.
 - Designed and wrote programming assignments, quizzes, and exams.
 - Graded homeworks, short papers, quizzes, and exams.
 - Helped students by email, one-on-one, and in small groups.
 - Developed and maintained Tamarin, an online automated grading system.
 - Directed the activities of lab assistants and another teaching assistant.
 - Implemented a successful syllabus, including course policies and semester schedule.
- Jun 1999 - May 2003
(Ongoing) **SnarkDreams Consortium – Proprietor / Web Developer**
Self-employed.
<http://www.snarkdreams.com>
- Managed a profitable online store selling hookahs, shisha tobacco, and other smoking accessories.
 - Designed, constructed, and hosted small business websites.
 - Continue to provide domain name and hosting services to established customers.
- Sep 1998 - Apr 1999 **Alma College – Teacher Assistant**
Psychology Department
Alma, Michigan
- Handled laboratory rats for a beginning psychology lab class.
 - Supervised students while they worked with the rats.
 - Graded lab reports and assisted the professor with laboratory lecture.

Teaching Assistant Experience

Courses

ICS111	Introduction to Computer Science I	9 semesters
ICS211	Introduction to Computer Science II	6 semesters (2 as Instructor)
ICS212	Program Structure	4 semesters
ICS312	Machine-Level and Systems Programming	2 semesters
ICS313	Programming Language Theory	2 semesters
ICS321	Data Storage and Retrieval	1 semester
ICS461	Artificial Intelligence	1 semester
PSY121	Introduction to Psychology	2 semesters

Other Accomplishments

- During the summer of 2008, I designed and implemented Tamarin, an online homework submission and automated grading system for use by students in my courses. Tamarin is now also used by 2 other instructors and by over 120 students every semester.
- From 2007 through 2009, I applied studio-based learning approaches in my labs as part of faculty research.
- I was nominated for the 2011 Frances Davis Award for Excellence in Undergraduate Teaching.
- For the past two semesters (Fall 2012, Spring 2013), I have served as the Instructor for ICS211.
- I have written and graded work in the following programming languages: Java, Python, C, C++, Common Lisp, Prolog, Perl, MASM assembler.

Peer-Reviewed Publications

- Tomaszewski, Zach. "On the Use of Reincorporation in Interactive Drama." *Intelligent Narrative Technologies IV Workshop*. AIIDE. Menlo Park, CA: AAAI Press, 2011.
- Tomaszewski, Zach. *Marlinspike: An Interactive Drama System*. Dissertation. University of Hawai'i at Manoa, 2011.
- Tomaszewski, Zach, and Kim Binsted. "Demeter: An Implementation of the Marlinspike Interactive Drama System." *Intelligent Narrative Technologies II: Papers from the AAAI Spring Symposium*. Technical Report SS-09-06. Menlo Park, CA: AAAI Press, 2009. pp. 133-136.
- Tomaszewski, Zach, and Kim Binsted. "Marlinspike: An Integrated Approach to Interactive Drama." *Integrating Technologies for Interactive Stories: Papers from the INTETAIN 2008 Workshop*. Playa del Carmen, Mexico. 7th Jan 2008. pp. 29-33.
- Tomaszewski, Zach, and Kim Binsted. "The Limitations of a Propp-based Approach to Interactive Drama." *Intelligent Narrative Technologies: Papers from the AAAI Fall Symposium*. Technical Report FS-07-05. Menlo Park, CA: AAAI Press, 2007. pp. 166-172.
- Tomaszewski, Zach, and Kim Binsted. "A Reconstructed Neo-Aristotelian Theory of Interactive Drama." *Computational Aesthetics: Artificial Intelligence Approaches to Beauty and Happiness: Papers from the 2006 AAAI Workshop*. Technical Report WS-06-04. Menlo Park, CA: AAAI Press, 2006. pp. 103-106.

Professional Activities

Reviewer

- Van Eck, Richard. *Interdisciplinary Models and Tools for Serious Games: Emerging Concepts and Future Directions*. Information Science Publishing, 2010.
- *Intelligent Narrative Technologies IV* Workshop. AIIDE. Menlo Park, CA: AAAI Press, 2011.
- *Intelligent Narrative Technologies V* Workshop. AIIDE. Menlo Park, CA: AAAI Press, 2012.

Invited Talks and Interviews

- "Imagineer Spotlight: Q&A with Zach Tomaszewski". *CSCI-3651: Game Programming*. Instructor: Sam Joseph. Hawai'i Pacific University. 05 Oct, 2012.

Professional Affiliations

- Association for the Advancement of Artificial Intelligence (2006-)

More Information

- Professional web space: <http://zach.tomaszewski.name>