

CV

Sarah A. Abraham

Ph.D. candidate, Computer Science Department
The University of Texas at Austin

CITIZENSHIP: U. S. A.

EDUCATION:

- University of Texas at Austin, Computer Science, Ph.D. candidate 2014
- University of Texas at Austin, Computer Science, M.S. 2008-2012
- Wellesley College, Media Arts and Science, B.A. 2003-2007
- Wellesley College, Russian Language, B.A. 2003-2007

PUBLICATIONS:

- Smoke Brush, Sarah Abraham and Donald Fussell. Expressive 2014

GRANTS AND FELLOWSHIPS:

- University of Texas at Austin, Computer Science Department. The Garg Fellowship 2010 (\$2000)

CONFERENCE ACTIVITY:

- Smoke Brush, Sarah Abraham and Donald Fussell. Expressive 2014 (August 8-10)
- Narrative and Interactivity in Video Games (Poster), Sarah Abraham and Scott Anderson. Consortium for Computing Sciences in Northeast Colleges 2007 (April 20-21)

TEACHING EXPERIENCE: University of Texas at Austin, Teaching Assistant, 2008 - present

- CS378 (Game Development Capstone: 2D and 3D games)
- CS324e (Elements of Graphics and Visualization)
- CS378 (Game Technology)
- CS312 (Introduction to Programming)
- CS329e (Elements of Computing in Society)
- CS349 (Contemporary Issues in Computer Science)
- CS303e (Elements of Computers and Programming)
- CS307 (Fundamentals of Computer Science)
- Wellesley College, Computer Science Tutor, 2006
 - OpenGL
 - Linear Algebra

RESEACH EXPERIENCE:

- Wellesley College thesis, “Narrative and Interactivity in Video Games,” 2007
- Lake Baikal, Russia, Biological expedition, Summer 2005

WORK EXPERIENCE:

- Akula Games, Company Founding, Fall 2010 - present
 - Sketchaphone
 - Sketchaphone Jumbo
 - Zing Tally
 - Flogistix Oil and Gas Pump Simulator
- Famigo Games Internship, Summer 2010 and Summer 2014
- Skillpoint Alliance Velocity Prep, GameOn Mentor, Summer 2013

SKILLS:

- **Languages:**
 - English (native fluency)
 - Latin (proficiency)
 - Russian (proficiency)
- **Computer:**
 - C, C++, Objective C
 - Java
 - Python
 - OpenGL
 - GLSL
 - Qt

EXTRACURRICULAR UNIVERSITY ACTIVITIES:

- Graduate Representative Association of Computer Sciences. University of Texas at Austin, 2011
- Wellesley Association for Computing. Wellesley College. 2004-2007

PROFESSIONAL SOCIETIES:

- Member of Sigma Xi 2007 - present
- Member of ACM, 2009 - present
- Member of ACM Siggraph 2009 - present