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EDUCATION

University of Victoria Department of Computer Science Doctoral Student Ph.D., Computer Science, August 2010 Advisor: Bruce Gooch	2006–2010
Northwestern University Department of Electrical Engineering and Computer Science Doctoral Student M.S., Computer Science, June 2006 Advisor: Bruce Gooch	2004–2006
Swarthmore College Major: <i>Computer Science</i> Minors: <i>Philosophy, Physics</i> B.A., Computer Science, June 2003	1999–2003

PUBLICATIONS

Recovering Color from Black and White Photographs.

Sven C. Olsen, Rachel Gold, Amy A. Gooch, and Bruce S. Gooch.
International Conference on Computational Photography (ICCP 2010)
IEEE, 2010.

Real-Time Video Abstraction.

Holger Winnemöller, Sven C. Olsen, and Bruce S. Gooch.
Journal of Transactions on Graphics (SIGGRAPH 2006), 25, 3.
2006. ACM Press, 1221–1226.

Color2Gray: Saliency-Preserving Color Removal.

Amy A. Gooch, Sven Olsen, Bruce S. Gooch, and Jack Tumblin.
Journal of Transactions on Graphics (SIGGRAPH 2005), 24, 3.
2005. ACM Press, 634–639.

Interactive 3D Fluid Jet Painting.

Sangwon Lee, Sven C. Olsen, and Bruce S. Gooch.
Proc. 3rd International Symposium on Non-Photorealistic Animation and Rendering.
2006. ACM Press, 97–104.

Interactive Vector Fields for Painterly Rendering.

Sven C. Olsen, Bruce A. Maxwell, and Bruce S. Gooch.
Proc. 2005 Conference on Graphics Interface.
ACM International Conference Proceeding Series; Vol. 112.
2005. Canadian Human-Computer Communications Society, 241–247.

EXPERIENCE

- Toon-FX LLC** 2007-2010
Co-Founder and Chief Technology Officer
Toon-FX is a startup company that develops and markets image stylization software. As CTO, I am responsible for leading research and development. Our most successful application is ToonPAINT, a top grossing iPhone app.
- University of Victoria** 2007
Teaching Assistant
Teaching assistant for Computer Science 405, under Dr. Brian Wyvill. Responsible for laboratory section, office hours.
- Northwestern University** Spring 2006
Teaching Assistant
Teaching assistant for Computer Science 211, under Dr. Brian Dennis. Responsible for laboratory section, office hours, and grading.
- Swarthmore College** Summer 2002
Programmer
Department of Psychology with Dr. Frank Durgin.
Maintained and improved and the virtual reality system used in the lab's distance perception research.
- University of Rhode Island** Summer 2000
Programmer
Graduate School of Oceanography with Dr. Peter Cornillon.
Wrote tools to enable web-based visualizations of climate data.
- University of Rhode Island** Spring 1999
Teaching Assistant
Teaching assistant for Physics 203, under Dr. Leonard Kahn. Responsible for laboratory section, office hours, and grading.