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WILMOT LI

EDUCATION

2002-Present	Ph.D. candidate in Computer Science **University of Washington**, Seattle, WA Advisor: David Salesin
2000-2002	M.S. in Computer Science **University of Washington**, Seattle, WA Advisor: David Salesin
1996-2000	B.S.E. in Computer Science (*cum laude*) **Princeton University**, Princeton, NJ

PUBLICATIONS

Interactive cutaway illustrations of complex 3D models. W. Li, L. Ritter, M. Agrawala, B. Curless, D. Salesin. ACM Transactions on Graphics (Proceedings of *SIGGRAPH 2007*), San Diego, CA, 2007.

Painting with texture. L. Ritter, W. Li, M. Agrawala, B. Curless, D. Salesin. In Proceedings of *17th Eurographics Symposium on Rendering*, Nicosia, Cyprus, 2006.

Interactive image-based exploded view diagrams. W. Li, M. Agrawala, D. Salesin. In Proceedings of *Graphics Interface 2004*, London, Canada, 2004. **Awarded Michael AJ Sweeney Award for Best Student Paper**

Adaptive document layout. C. Jacobs, W. Li, E. Schrier, D. Bargeron, D. Salesin. In Communications of the ACM, Vol. 47, No. 8, August 2004.

Adaptive grid-based document layout. C. Jacobs, W. Li, E. Schrier, D. Bargeron, D. Salesin. ACM Transactions on Graphics (Proceedings of *SIGGRAPH 2003*), San Diego, CA, 2003.

Adaptive document layout via manifold content. C. Jacobs, W. Li, D. Salesin. In Proceedings of *Web Document Analysis Workshop 2003*, Edinburgh, Scotland, 2003.

NPR virtual environments. A. Klein, W. Li, M. Kazhdan, W. Correa, A. Finkelstein, T. Funkhouser. In Proceedings of *SIGGRAPH 2000*, New Orleans, LA, 2000.

PATENTS

System and method for adaptive document layout via manifold content, with C. Jacobs and D. Salesin. Patent number 7,120,868, issued October 10, 2006.

System and method for creating interactive exploded view diagrams, with M. Agrawala. Filed 2004.

System and method for on-line and off-line advertising in content delivered to a display screen, with W. Hill, M. Cooper, and D. Salesin. Filed 2004.

System and methods for facilitating adaptive grid-based document layout, with D. Bargeron, C. Jacobs, E. Schrier and D. Salesin. Filed 2004.

EXPERIENCE

Research assistant 09/2001-06/2002 and 12/2004-Present
Computer Science, University of Washington, Seattle
Developing interactive visualization techniques for exploring complex geometric models (Advisor: David Salesin)

Intern, 09/2002-12/2004
Microsoft Research, Seattle
Research intern with Document Processing and Understanding Group (Mentors: David Salesin, Maneesh Agrawala)

Intern, 06/2001-09/2001 and 06/2002-9/2002
Microsoft Research, Seattle
Research intern with Interactive Visual Media Group (Mentor: David Salesin)

Teaching assistant 03/2001-06/2001
Computer Science, UW, Seattle
CSE 457 Computer Graphics (Instructor: Zoran Popović)

Teaching assistant 03/2002-06/2002
Computer Science, UW, Seattle
CSE 142 Computer Programming (Instructors: Hal Perkins, John Zahorjan)

HONOURS

University of Washington Industrial Affiliates Meeting, Madrona Award for Best Poster, Runner-up, 2006

Graphics Interface, Michael AJ Sweeney Award for Best Student Paper, 2004

NSERC Postgraduate Fellowship, 2001-2004

University of Washington Entrance Scholarship, 2000

Elected to Phi Beta Kappa, National Undergraduate Honour Society, 2000

Elected to Tau Beta Pi, National Engineering Honour Society, 1998

CONFERENCE TALKS

Interactive cutaway illustrations of complex 3D models
SIGGRAPH 2007, San Diego, CA, 2007.

Painting with texture
EGSR 2006, Nicosia, Cyprus, 2006.

Interactive image-based exploded view diagrams
Graphics Interface 2004, London, Canada, 2004.

Adaptive grid-based document layout (with Chuck Jacobs and Evan Schrier)
SIGGRAPH 2003, San Diego, CA, 2003.

INVITED TALKS

Interactive illustrations of complex objects
Adobe Systems, San Jose, CA, 2007.
Summer Academy for Advancing Deaf and Hard of Hearing in Computing, University of Washington, Seattle, WA, 2007.

Interactive cutaway illustrations of complex 3D models
University of Toronto, Toronto, Canada, 2007.
Design Machine Group, University of Washington, Seattle, WA, 2006.

Adaptive grid-based document layout
Stanford University, Stanford, CA, 2003.
University of Toronto, Toronto, Canada, 2003.

Adaptive document layout via manifold content
Web Document Analysis Workshop, Edinburgh, Scotland, 2003.

OTHER PROFESSIONAL ACTIVITIES

Reviewer for ACM SIGGRAPH

Reviewer for IEEE Visualization

Reviewer for ACM UIST

Reviewer for EGSR (Eurographics Symposium on Rendering)

Reviewer for NPAR (Non-Photorealistic Animation and Rendering)

Reviewer for CAD (Computer-Aided Design)