Dan R. Olsen Jr. - Vita

education

Ph.D. in Computer and Information Science, University of Pennsylvania, 1981

M.S. in Computer Science, Brigham Young University, 1978

B. S. in Computer Science, Brigham Young University, 1976

professional positions

Brigham Young University, Professor (1990-Present)

Carnegie Mellon University, Director, Human-Computer Interaction Institute (1996-1998)

Carnegie Mellon University, Professor, (1996-1998)

Brigham Young University, Department Chair of Computer Science, (1992-1996)

Brigham Young University, Associate Professor, (1986-1990)

Brigham Young University, Assistant Professor, (1984-1986)

Arizona State University, Assistant Professor, (1981-1984)

awards

CHI Lifetime Research Award (2012)

Father of UIST Award (2007)

ACM Fellow (2007)

CHI Academy (2004)

Outstanding Paper Award (IUI 2003)

Karl G. Maeser Research and Creative Arts Award (2003)

Distinguished Paper Award (IUI 2002)

CHI Lifetime Service Award (2002)

books

Building Interactive Systems, (2009)

Developing User Interfaces, (1998)

User Interface Management Systems: Models and Algorithms, (1992).

papers

Dan Olsen, Benjamin Sellers, and Trent Boulter. "Enhancing interactive television news" TVX '14, ACM, pp 11-18 (June 2014)

Arthur, R., Olsen, D. R., "Window Brokers: Collaborative Display Space Control" ACM Transactions on Computer Human Interaction. Vol 19 (3), (Oct 2012)

Olsen, D. R., Bunn, D., Boulter, T., and Walz, R. "Interactive Television News" ACM Transactions on Multimedia Computing and Communications Applications. Vol 8 (2), (May 2012)

Arthur, R. and Olsen, D. R. "XICE Windowing Toolkit: Seamless Display Annexation" ACM Transactions on Computer-Human Interaction, Vol 18 (3), (July 2011)

Olsen, D. R. and Moon, B. "Video Summarization Based on User Interaction", EuroITV '11, ACM, pp 115-122, (June 2011)

Arthur, R. B. and Olsen, D. R. "Privacy-aware Shared UI Toolkit for Nomadic Environments" Software Practice and Experience, doi:10.1002/spe.1085 (May 2011)

Olsen, D. R., Partridge, B., and Lynn, S., "Time Warp Sports for Internet Television." ACM Transactions on Computer-Human Interaction, Vol 17 (4), (Dec 2010)

Lynn, S. G., Olsen, D. R., and Partridge, B. G., "Time Warp Football" European Conference on Interactive Television, ACM

(2009) (best paper award)

Olsen, D. R., and Harris, M. K., "Edge-Respecting Brushes" UIST 2008, ACM (2008)

Olsen, D. R. "Evaluating User Interface Systems Research," UIST 2007, ACM (2007)

Olsen, D. R., Clement, J., and Pace, A. "Spilling: Expanding Hand-held Interaction to Touch Table Displays", TableTop 2007, IEEE (2007)

Crandall, J., Goodrich, M., Nielsen, C., Olsen, D. R.:"Validating Human-Robot Interaction Schemes in Multitasking Environments", Systems, Man, and Cybernetics/Part A: Systems and Humans, Vol 35(4), IEEE, (July 2005)

Olsen, D. R., Taufer, T., Fails, J. A.: "ScreenCrayons: Annotating Anything", UIST '04, ACM, (2004)

Olsen, D. R., Wood, B.: "Fan-out: Measuring Human Control of Multiple Robots" CHI '04, ACM, (2004)

Olsen, D. R., Wood, B., Turner, J.: "Metrics for Human Driving of Multiple Robots" International Conference on Robots and Automation, ICRA '04, IEEE, (2004)

Goodrich, M., Olsen, D. R.: "Seven Principles of Efficient Human-Robot Interaction" International Conference on Systems, Man, and Cybernetics, IEEE, (2003)

Olsen, D. R., Goodrich, M.: "Metrics for Evaluating Human-Robot Interaction", PERMIS 2003

Fails, J. A., Olsen, D. R.: "A Design Tool for Camera-based Interaction", Human Factors in Computing Systems, CHI '03, ACM, (2003)

Fails, J. A., Olsen, D. R.: "Interactive Machine Learning", Intelligent User Interfaces, IUI '03, ACM (2003) (best paper award)

Olsen, D. R., Peachey, J. R.: "Query by Critique: Spoken Language Access to Large Lists", User Interface Software and

Technology, UIST '02, ACM(2002)

Fails, J. A., Olsen, D. R.: "Light Widgets: Interacting in Every-day Spaces", Intelligent User Interfaces, IUI '02, ACM(2002)
(best paper award)

Rosenfeld, R., Olsen, D. R., Rudnicky, A. "Universal Speech Interfaces" interactions, ACM (2001)

Goodrich, M., Crandall, J. W., Palmer, T. J., Olsen, D. R.: "Experiments in Adjustable Autonomy," Proceedings of the IJCAI01 workshop on Autonomy, Delegation, and Control: Interacting with Autonomous Agents (2001)

Olsen, D. R., Nielsen, S. T., Parslow, D.: "Join and Capture: A Model for Nomadic Interaction," UIST '01, ACM, (2001)

Olsen, D. R., Hudson, S., Tam, C. M., Conaty, G., Phelps, M., Heiner, J,: "Speech Interaction with Graphical User Interfaces", Interact 2001, IOS Press, (2001)

Olsen, D. R., Nielsen, T,: "Laser pointer Interaction", Human Factors in Computing Systems, CHI '01, ACM, (April 2001)

Olsen, D. R., Nielsen, T., Jefferies, S., Moyes, W., Fredrickson, P.: "Cross-modal Interaction in XWeb", UIST '00, ACM (2000)

Olsen, D. R., "Interacting in Chaos", Interactions, ACM (1999)

Olsen, D. R., Hudson, S. E., Verratti, T., Heiner, J. M., Phelps, M.: "Implementing Interface Attachments Based on Surface Representations", Human Factors in Computing Systems, CHI '99, ACM (1999)

Olsen, D. R., Hudson, S. E., Phelps, M., Heiner, J., Verratti, T.: "Ubiquitous Collaboration Via Surface Representations", Computer Supported Cooperative Work, CSCW '98, ACM (1998)

Olsen, D. R., Boyarski, D., Verratti, T., Phelps, M., Lo, E.: "Generalized Pointing: Enabling Multiagent Interaction", Human Factors in Computing Systems, CHI '98, ACM (1998)

Rodham, K.,Olsen, D.R.: "Nanites: An Approach to

Structure-Based Monitoring", ACM Transactions on Computer-Human Interaction, 4 (2), (1997)

Olsen, D. R., Deng, X.:"Inductive Groups" ACM Symposium on User Interface Software and Technology, UIST '96, (1996)

Nevill-Manning, C. G., Witten, I. H., Olsen, D. R.: "Compressing semi-structured text using hierarchical phrase identification", Proceedings of the Data Compression Conference, IEEE Press, Los Alamitos, CA (1996)

Olsen, D. R., Monk, A. F., Curry, M. B.: "Algorithms for automatic dialogue analysis using propositional production systems", Human Computer Interaction, 10, 39-78 (1995)

Olsen, D. R., Rodham, K.: "Interactive Net Services on the WWW" INTERACT '95. (1995)

Olsen, D. R., Rodham, K.: "Distributable Interactive Objects" INTERACT '95. (1995)

Olsen, D. R., Kohlert, D.: "Pictures as Input Data", Human Factors in Computing Systems, CHI '95, ACM (1995)

Olsen, D. R., Ahlstrom, B., Kohlert, D.: "Building Geometry-based Widgets by Example", Human Factors in Computing Systems, CHI '95, ACM (May 1995)

Olsen, D. R., Rodham, K.: "Smart Telepointers: Maintaining Telepointer Consistancy in the Presences of User Customization" ACM Transactions on Graphics (July 1994)

Olsen, D. R.:"Automatic Generation of Interactively Consistent Search Dialogs", Human Factors in Computing Systems, CHI '94, ACM (1994).

Olsen, D. R., Rodham, K., Kohlert, D.: "Implementing a Graphical Multi-user Interface Toolkit.", Software Practice and Experience (Sept 1993).

Foley, J. D., Hudson, S. E., Miller, J., Myers, B. A., Olsen, D. R. : "Research Directions for User Interface Software Tools", Behavior & Information Technology, (March-April 1993)

DOCKET ALARM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS
Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS
Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS
Sync your system to PACER to automate legal marketing.

fastcase®
Smarter legal research.