

James Fogarty

Professor, [Computer Science & Engineering](#)
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Curriculum Vitae
Last Updated July 2022

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FACULTY APPOINTMENTS

Professor, Computer Science & Engineering, University of Washington Autumn 2017 – present
Adjunct Professor, Human Centered Design & Engineering
Adjunct Professor, The Information School

Associate Professor, Computer Science & Engineering, University of Washington Autumn 2011 – Summer 2017

Assistant Professor, Computer Science & Engineering, University of Washington Autumn 2006 – Summer 2011

EDUCATION

Doctor of Philosophy, Human Computer Interaction February 2006
Human Computer Interaction Institute, School of Computer Science
Carnegie Mellon University
Dissertation: Constructing and Evaluating Sensor-Based Statistical Models of Human Interruptibility
Advised by Scott E. Hudson
Committee: Christopher Atkeson, Eric Horvitz, Robert Kraut

Bachelor of Science, Computer Science May 2000
Virginia Polytechnic Institute & State University (Virginia Tech)
Degree in Honors, with Honors Thesis
Minors in Math and Political Science
Major QCA: 4.0/4.0, Overall QCA: 3.96/4.0

ADDITIONAL POSITIONS

Visiting Researcher, Microsoft Research, Redmond, WA Summer 2007
Hosts: Desney Tan, Mary Czerwinski

Post-Doctoral Fellow, Carnegie Mellon University Spring 2006 – Summer 2006
Graduate Research Assistant, Carnegie Mellon University Fall 2000 – Spring 2006
Advisor: Scott E. Hudson

Research Intern, IBM TJ Watson Research Center, Hawthorne, NY Summer 2003
Hosts: Jennifer Lai, John Richards, Paul Chou

Undergraduate Research Assistant, Virginia Tech Fall 1998 – Spring 2000
Advisors: John Carroll, Mary Beth Rosson

Developer, IBM Research Triangle Park, Raleigh Durham, NC Summer 2000

Developer, Appropriate Technologies, Chesapeake, VA Summer 1997, Fall 1997, Summer 1998

AWARDS AND HONORS

Best Paper Honorable Mention, ASSETS 2018 2018
Examining Image-Based Button Labeling for Accessibility in Android Apps through Large-Scale Analysis [P.89], for Top 5% of 158 submissions




Best Paper Honorable Mention, DIS 2018 2018
Examining Self-Tracking by People with Migraine: Goals, Needs, and Opportunities in a Chronic Health Condition [P.85], for Top 5% of 405 submissions




Best Paper Honorable Mention, ASSETS 2017 2017
Epidemiology as a Framework for Large-Scale Mobile Application Accessibility Assessment [P.84], for Top 5% of 126 submissions



Best Paper Award, CHI 2017 Examining Menstrual Tracking to Inform the Design of Personal Informatics Tools [P.78], for Top 1% of 2400 submissions	2017
Best Paper Honorable Mention, CHI 2017 TummyTrials: A Feasibility Study of Using Self-Experimentation to Detect Individualized Food Triggers [P.77], for Top 5% of 2400 submissions	2017
Best Paper Award, CSCW 2016 Boundary Negotiating Artifacts in Personal Informatics: Patient-Provider Collaboration with Patient-Generated Data [P.64], for Top 1% of 571 submissions	2016
Carnegie Mellon School of Computer Science Allen Newell Award for Research Excellence with Scott Hudson, Daniel Avrahami, Johnny Lee, Chris Harrison, Robert Xiao for “Innovative and Practical Physical Interaction Techniques”	2015
Best Paper Honorable Mention, CHI 2015 Barriers and Negative Nudges: Exploring Challenges in Food Journaling [P.60], for Top 5% of 2120 submissions	2015
University of Washington Innovation Research Award with Julie Kientz, Sean Munson, Shwetak Patel, Roger Vilardaga, Jasmine Zia for “A Connected Approach to Personalized Mobile Health”	2015
Best Paper Honorable Mention, CHI 2014 Gesture Script: Recognizing Gestures and their Structure using Rendering Scripts and Interactively Trained Parts [P.55], for Top 5% of 2043 submissions	2014
National Academy of Sciences Kavli Fellow	2013
Best Paper Award, dg.o 2011 Attitudes Toward Online Availability of US Public Records [P.43], for Top 1 of 62 submissions	2011
National Science Foundation CAREER Award	2011
Best Paper Award, CHI 2010 Prefab: Implementing Advanced Behaviors Using Pixel-Based Reverse Engineering of Interface Structure [P.36], for Top 1% of 1346 submissions	2010
Best Paper Honorable Mention, UbiComp 2009 HydroSense: Infrastructure-Mediated Single-Point Sensing of Whole-Home Water Activity [P.32], for Top 3 of 251 submissions	2009
Best Paper Honorable Mention, CHI 2009 Amplifying Community Content Creation with Mixed Initiative Information Extraction [P.31], for Top 5% of 1130 submissions	2009
Best Paper Award, CHI 2005 Examining Task Engagement in Sensor Based Statistical Models of Human Interruptibility [P.11], for Top 1% of 372 submissions	2005
“Best of UIST” Invitee for SIGGRAPH 2004 Reprise GADGET: A Toolkit for Optimization Based Approaches to Interface and Display Generation [P.7], for Top 3 of 116 submissions	2004

REFEREED CONFERENCE AND JOURNAL ARTICLES

- [P.104] Kong, J., Zhong, M., Fogarty, J., Wobbrock, J.O. (2022). Quantifying Touch: New Metrics for Characterizing What Happens During a Touch (ASSETS 2022). To Appear.
- [P.103] Fok, R., Zhong, M., Ross A.S., Fogarty, J., Wobbrock, J.O. (2022). A Large-Scale Longitudinal Analysis of Missing Label Accessibility Failures in Android Apps. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2022). pp. 1–16.
- [P.102] Mariakakis, A., Karkar, R., Patel, S.N., Kientz, J.A., Fogarty, J., Munson, S.A. (2022). Using Health Concept Surveying to Elicit Usable Evidence: Case Studies of a Novel Evaluation Methodology. JMIR Human Factors. Vol. 9, Iss. 1. Jan 2022. e30474.
- [P.101] Kirchner, S., Schroeder, J., Fogarty, J., Munson, S.A. (2021). “They don’t always think about that”: Translational Needs in the Design of Personal Health Informatics Applications. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2021). 16 pages.

- [P.100] Epstein, D.A., Dontcheva, M., Fogarty, J., Munson, S.A. (2020). Yarn: Adding Meaning to Shared Personal Data through Structured Storytelling. Proceedings of Graphics Interface (GI 2020). Acceptance Rate: 52%.
- [P.99] Suh, J., Williams, S., Fann, J.R., Fogarty, J., Bauer, A.M., and Gary Hsieh. (2020). Parallel Journeys of Patients with Cancer and Depression: Challenges and Opportunities for Technology-Enabled Collaborative Care. Proceedings of the ACM on Human-Computer Interaction. Vol. 4, CSCW1. May 2020, 36 pages.
- [P.98] Pina, L.R., Sien, S., Song, C., Ward, T.M., Fogarty, J., Munson, S.A., Kientz, J.A. (2020). DreamCatcher: Exploring How Parents and School-Age Children can Track and Review Sleep Information Together. Proceedings of the ACM on Human-Computer Interaction. Vol. 4, CSCW1. May 2020. 25 pages.
- [P.97] Munson, S.A., Schroeder, J., Karkar, R., Kientz, J.A., Chung, C., Fogarty, J. (2020). The Importance of Starting With Goals in N-of-1 Studies. Frontiers in Digital Health. Vol. 2. May 2020.
- [P.96] Schroeder, J., Suh, J., Wilks, C., Czerwinski, M., Munson, S.A., Fogarty, J., Althoff, T. (2020). Data-Driven Implications for Translating Evidence-Based Psychotherapies into Technology-Delivered Interventions. Proceedings of the International Conference on Pervasive Computing Technologies for Healthcare (PervasiveHealth 2020). pp. 274–287.
- [P.95] Swearngin, A., Wang, C., Oleson, A., Fogarty, J., Ko, A.J. (2020). Scout: Rapid Exploration of Interface Layout Alternatives through High-Level Design Constraints. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2020). pp. 1-13. Acceptance Rate: 24%.
- [P.94] Ross, A.S., Zhang, X., Fogarty, J., Wobbrock, J.O. (2020). An Epidemiology-Inspired Large-Scale Analysis of Android App Accessibility. ACM Transactions on Accessible Computing (TACCESS). Vol. 13, Iss. 1. Apr 2020.
- [P.93] Schroeder, J., Karkar, R., Murinova, N., Fogarty, J., Munson, S.A. (2019). Examining Opportunities for Goal-Directed Self-Tracking to Support Chronic Condition Management. Proceedings of the ACM on Interactive, Mobile, Wearable, and Ubiquitous Technologies (IMWUT). Vol. 3, Iss. 4. Dec 2019. 26 pages.
- [P.92] Chaudhuri, B., Perlmutter, L., Petelka, J., Garrison, P., Fogarty, J., Wobbrock, J.O., Ladner, R.E. (2019). GestureCalc: An Eyes-Free Calculator for Touch Screens. Proceedings of the ACM Conference on Computers and Accessibility (ASSETS 2019). pp. 112–123. Acceptance Rate: 26%.
- [P.91] Chung, C., Wang, Q., Schroeder, J., Cole, A., Zia, J., Fogarty, J., Munson, S.A. (2019). Identifying and Planning for Individualized Change: Patient-Provider Collaboration Using Lightweight Food Diaries in Healthy Eating and Irritable Bowel Syndrome. Proceedings of the ACM on Interactive, Mobile, Wearable, and Ubiquitous Technologies (IMWUT). Vol. 3, Iss. 1, Sep 2019. pp. 1-27.
- [P.90] Schroeder, J., Karkar, R., Fogarty, J., Kientz, J.A., Munson, S.A., Kay M. A Patient-Centered Proposal for Bayesian Analysis of Self-Experiments for Health. Journal of Healthcare Informatics Research. Vol. 3, Iss. 1. Mar 2019. pp. 124-155.
- [P.89]  Ross, A.S., Zhang, X., Fogarty, J., Wobbrock, J.O. (2018). Examining Image-Based Button Labeling for Accessibility in Android Apps through Large-Scale Analysis. Proceedings of the ACM Conference on Computers and Accessibility (ASSETS 2018). 119-130. Acceptance Rate: 26%. Best Paper Honorable Mention.
- [P.88] Zhang, X., Tran, T., Sun, Y., Culhane, I., Jain, S., Fogarty, J., Mankoff, J. (2018). Interactiles: 3D Printed Tactile Interfaces to Enhance Mobile Touchscreen Accessibility. Proceedings of the ACM Conference on Computers and Accessibility (ASSETS 2018). pp. 131-142. Acceptance Rate: 26%.
- [P.87] Zhang, X., Ross, A.S., Fogarty, J. (2018). Robust Annotation of Mobile Application Interfaces in Methods for Accessibility Repair and Enhancement. Proceedings of the ACM Symposium on User Interface Software and Technology (UIST 2018). pp. 609-621. Acceptance Rate: 21%.
- [P.86] Karkar, R., Kocielnik, R., Zhang, X., Zia, J., Ioannou, G.N., Munson, S.A., Fogarty, J. (2018). Beacon: Designing a Portable Device for Self-Administering a Measure of Critical Flicker Frequency. Proceedings of the ACM on Interactive, Mobile, Wearable, and Ubiquitous Technologies (IMWUT). Vol. 2, Iss. 3. Sept 2018. pp. 1-27.
- [P.85]  Schroeder, J., Chung, C., Epstein, D.A., Karkar, R., Parsons, A., Murinova, N., Fogarty, J., Munson, S.A. (2018). Examining Self-Tracking by People with Migraine: Goals, Needs, and Opportunities in a Chronic Health Condition. Proceedings of the ACM Conference on Designing Interactive Systems (DIS 2018). pp. 135-148. Acceptance Rate: 23%. Best Paper Honorable Mention.
- [P.84]  Ross, A.S., Zhang, X., Fogarty, J., Wobbrock, J.O. (2017). Epidemiology as a Framework for Large-Scale Mobile Application Accessibility Assessment. Proceedings of the ACM Conference on Computers and Accessibility (ASSETS 2017). pp. 2-11. Acceptance Rate: 26%. Best Paper Honorable Mention.
- [P.83] Kuksenok, K., Aragon, C., Fogarty, J., Lee, C.P., Neff, G. (2017). Deliberate Individual Change Framework for Understanding Programming Practices in Four Oceanography Groups. Proceedings of the European Conference on Computer Supported Cooperative Work (ECSCW 2017). pp. 663-691.
- [P.82] Swearngin, A., Ko, A.J., Fogarty, J. (2017). Genie: Input Retargeting on the Web through Command Reverse Engineering. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2017). pp. 4703-4714. Acceptance Rate: 25%.

- [P.81] Evans, A.C., Davis, K., Fogarty, J., Wobbrock, J.O. (2017). Group Touch: Distinguishing Tabletop Users in Group Settings via Statistical Modeling of Touch Pairs. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2017)*. pp. 35-47. Acceptance Rate: 25%.
- [P.80] Chung, C., Agapie, E., Schroeder, J., Mishra, S.R., Fogarty, J., Munson, S.A. (2017). When Personal Tracking Becomes Social: Examining the Use of Instagram for Healthy Eating. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2017)*. pp. 1674-1687. Acceptance Rate: 25%.
- [P.79] Zhang, X., Ross, A.S., Caspi, A., Fogarty, J., Wobbrock, J.O. (2017). Interaction Proxies for Runtime Repair and Enhancement of Mobile Application Accessibility. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2017)*. pp. 6024-6037. Acceptance Rate: 25%.
- [P.78]  Epstein, D.A., Lee, N.B., Kang, J.H., Agapie, E., Schroeder, J., Pina, L.R., Fogarty, J., Kientz, J.A., Munson, S.A. (2017). Examining Menstrual Tracking to Inform the Design of Personal Informatics Tools. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2017)*. pp. 6876-6888. Acceptance Rate: 25%. Best Paper Award.
- [P.77]  Karkar, R., Schroeder, J., Epstein, D.A., Pina, L.R., Scofield, J., Fogarty, J., Kientz, J.A., Munson, S.A., Vilardaga, R., Zia, J. (2017). TummyTrials: A Feasibility Study of Using Self-Experimentation to Detect Individualized Food Triggers. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2017)*. pp. 6850-6863. Acceptance Rate: 25%. Best Paper Honorable Mention.
- [P.76] Chung, J., Demiris, G., Thompson, H., Chen, K.Y., Burr, R., Patel, S.N., Fogarty, J. (2017). Feasibility Testing of a Home-Based Sensor System to Monitor Mobility and Daily Activities in Korean American Older Adults. *International Journal of Older People Nursing*. Mar 2017.
- [P.75] Zia, J., Chung, C., Schroeder, J., Bales, E., Schenk, J., Munson, S.A., Kientz, J.A., Fogarty, J., Heitkemper, M. (2017). The Feasibility, Usability, and Perceived Clinical Utility of Traditional Paper Irritable Bowel Syndrome Food and Symptom Journals. *Neurogastroenterology and Motility*. Vol. 29, Iss. 2. Feb 2017.
- [P.74] Schroeder, J., Hoffswell, J., Chung, C., Fogarty, J., Munson, S.A., Zia, J. (2017). Supporting Patient-Provider Collaboration to Identify Individual Triggers using Food and Symptom Journals. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2017)*. pp. 1726-1739. Acceptance Rate: 35%.
- [P.73] Pina, L.R., Sien, S., Ward, T., Yip, J.C., Munson, S.A., Fogarty, J., Kientz, J.A. (2017). From Personal Informatics to Family Informatics: Understanding Family Practices around Health Monitoring. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2017)*. pp. 2300-2315. Acceptance Rate: 35%.
- [P.72] Choe, E.K., Abdullah, S., Rabbi, M., Thomaz, E., Epstein, D.A., Kay, M., Cordeiro, F., Abowd, G.D., Choudhury, T., Fogarty, J., Lee, B., Matthews, M., Kientz, J.A. (2017). Semi-Automated Tracking: A Balanced Approach for Self-Monitoring Applications. *IEEE Pervasive Computing*. Vol. 16, Iss. 1. Jan 2017. pp. 74-84.
- [P.71] Epstein, D.A., Kang, J., Pina, L.R., Fogarty, J., and Munson, S.A. (2016). Reconsidering the Device in the Drawer: Lapses as a Design Opportunity in Personal Informatics. *Proceedings of the International Conference on Pervasive and Ubiquitous Computing (UbiComp 2016)*. pp. 829-840. Acceptance Rate: 24%.
- [P.70] Zia, J.K., Chung, C., Schroeder, J., Munson, S.A., Kientz, J.A., Fogarty, J., Bales, E., Schenk, J.M., Heitkemper, M.M. (2016). The Feasibility, Usability, and Clinical Utility of Traditional Paper Food and Symptom Journals for Patients with Irritable Bowel Syndrome. *Neurogastroenterology & Motility*. Vol. 29, Iss. 2. Sep 2016.
- [P.69] Zhang, X., Pina, L.R., and Fogarty, J. (2016). Examining Unlock Journaling with Diaries and Reminders for In Situ Self-Report in Health and Wellness. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2016)*. pp. 5658-5664. Acceptance Rate: 23%.
- [P.68] Epstein, D.A., Cordeiro, F., Hsieh, G., Fogarty, J., and Munson, S.A. (2016). Crumbs: Lightweight Daily Food Challenges to Promote Engagement and Mindfulness. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2016)*. pp. 5632-5644. Acceptance Rate: 23%.
- [P.67] Epstein, D.A., Caraway, M., Johnston, C., Ping, A., Fogarty, J., and Munson, S.A. (2016). Beyond Abandonment to Next Steps: Understanding and Designing for Life after Personal Informatics Tool Use. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2016)*. pp. 1109-1113. Acceptance Rate: 23%.
- [P.66] Karkar R., Zia J., Vilardaga R., Mishra S.R., Fogarty J., Munson S.A., Kientz J.A. (2016). A Framework for Self-Experimentation in Personalized Health. *Journal of the American Medical Informatics Association (JAMIA)*. Vol. 23, Iss. 3, pp. 440-448.
- [P.65] Zia, J., Schroeder, J., Munson, S.A., Fogarty, J., Nguyen, L., Barney, P., Heitkemper, M., Ladabaum, U. (2016). Feasibility and Usability Pilot Study of a Novel Irritable Bowel Syndrome Food and Gastrointestinal Symptom Journal Smartphone App. *Clinical and Translational Gastroenterology*. Vol. 7, Iss. 3, e147.
- [P.64]  Chung, C., Dew, K., Cole, A., Zia, J., Fogarty, J., Kientz, J.A., and Munson, S.A. (2016). Boundary Negotiating Artifacts in Personal Informatics: Patient-Provider Collaboration with Patient-Generated Data. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2016)*. pp. 768-784. Acceptance Rate: 25%. Best Paper Award.

- [P.63] Huang, D., Zhang, X., Saponas, T.S., Fogarty, J., Gollakota, S. (2015). Leveraging Dual-Observable Input for Fine-Grained Thumb Interaction Using Forearm EMG. Proceedings of the ACM Symposium on User Interface Software and Technology (UIST 2015). pp. 523-528. Acceptance Rate: 24%.
- [P.62] Epstein, D.A., Ping, A., Fogarty, J., Munson, S.A. (2015). A Lived Informatics Model of Personal Informatics. Proceedings of the International Conference on Pervasive and Ubiquitous Computing (UbiComp 2015). pp. 731-742. Acceptance Rate: 23%.
- [P.61] Cordeiro, F., Bales, E., Cherry, E., and Fogarty, J. (2015). Rethinking the Mobile Food Journal: Exploring Opportunities for Lightweight Photo-Based Capture. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2015). pp. 3207-3216. Acceptance Rate: 23%.
- [P.60]  Cordeiro, F., Epstein, D., Thomaz, E., Bales, E., Jagannathan, A.K., Abowd, G., and Fogarty, J. (2015). Barriers and Negative Nudges: Exploring Challenges in Food Journaling. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2015). pp. 1159-1162. Acceptance Rate: 23%. Best Paper Honorable Mention.
- [P.59] Dixon, M., Nied, A.C., and Fogarty, J. (2014). Prefab Layers and Annotations: Extensible Pixel-Based Interpretation of Graphical Interfaces. Proceedings of the ACM Symposium on User Interface Software and Technology (UIST 2014). pp. 221-230. Acceptance Rate: 22%.
- [P.58] Epstein, D.A., Cordeiro, F., Bales, E., Fogarty, J., and Munson, S.A. (2014). Taming Data Complexity in Lifelogs: Exploring Visual Cuts of Personal Informatics Data. Proceedings of the ACM Conference on Designing Interactive Systems (DIS 2014). pp. 667-676. Acceptance Rate: 27%.
- [P.57] Hipke, K., Toomim, M., Fiebrink, R., and Fogarty, J. (2014). BeatBox: End-User Interactive Definition and Training of Recognizers for Percussive Vocalizations. Proceedings of the International Conference on Advanced Visual Interfaces (AVI 2014). pp. 121-124. Acceptance Rate: 28%.
- [P.56] Dixon, M., Laput, G., and Fogarty, J. (2014). Pixel-Based Methods for Widget State and Style in a Runtime Implementation of Sliding Widgets. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2014). pp. 2231-2240. Acceptance Rate: 23%.
- [P.55]  Lü, H., Fogarty, J., and Li, Y. (2014). Gesture Script: Recognizing Gestures and their Structure using Rendering Scripts and Interactively Trained Parts. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2014). pp. 1685-1694. Acceptance Rate: 23%. Best Paper Honorable Mention.
- [P.54] Epstein, D.A., Borning, A., and Fogarty, J. (2013). Fine-Grained Sharing of Sensed Physical Activity: A Value Sensitive Approach. Proceedings of the International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2013), pp. 489-498. Acceptance Rate: 23%.
- [P.53] Andrew, A., Borriello, G., and Fogarty, J. (2013). Simplifying Mobile Phone Food Diaries: Design and Evaluation of a Food Index-Based Nutrition Diary. Proceedings of the International Conference on Pervasive Computing Technologies for Healthcare (PervasiveHealth 2013), pp. 260-263. Acceptance Rate: 27%.
- [P.52] Roesner, F., Fogarty, J., and Kohno, T. (2012). User Interface Toolkit Mechanisms for Securing Interface Elements. Proceedings of the ACM Symposium on User Interface Software and Technology (UIST 2012), pp. 239-250. Acceptance Rate: 22%.
- [P.51] Munson, S.A., Avrahami, D., Consolvo, S., Fogarty, J., Friedman, B., Smith, I. (2012). Sunlight or Sunburn: A Survey of Attitudes toward Online Availability of US Public Records. Information Polity, July 2012, Vol. 17, No. 2, pp. 99-114.
- [P.50] Dixon, M., Fogarty, J., and Wobbrock, J.O. (2012). A General-Purpose Target-Aware Pointing Enhancement Using Pixel-Level Analysis of Graphical Interfaces. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2012), pp. 3167-3176. Acceptance Rate: 23%.
- [P.49] Amershi, S., Fogarty, J., and Weld, D.S. (2012). ReGroup: Interactive Machine Learning for On-Demand Group Creation in Social Networks. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2012), pp. 21-30. Acceptance Rate: 23%.
- [P.48] Larson, E., Froehlich, J., Campbell, T., Haggerty, C., Atlas, L., Fogarty, J., Patel, S.N. (2012). Disaggregated Water Sensing from a Single, Pressure-Based Sensor: An Extended Analysis of HydroSense using Staged Experiments. Pervasive and Mobile Computing, Vol. 8, No. 1, February 2012, pp. 82-102.
- [P.47] Ziola, R., Grampurohit, S., Landes, N., Fogarty, J., and Harrison, B. (2011). Examining Interaction with General-Purpose Object Recognition in LEGO OASIS. Proceedings of the IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC 2011), pp. 65-68. Acceptance Rate: 33%.
- [P.46] Amershi, S., Fogarty, J., Kapoor, A., and Tan, D.S. (2011). Effective End-User Interaction with Machine Learning. Proceedings of AAAI Conference on Artificial Intelligence (AAAI 2011), Nectar Track, pp. 1529-1532. Acceptance Rate: 31%.
- [P.45] Patel, K., Drucker, S.M., Fogarty, J., Kapoor, A., Tan, D.S. (2011). Using Multiple Models to Understand Data. Proceedings of the International Joint Conference on Artificial Intelligence (IJCAI 2011), pp. 1723-1728. Acceptance Rate: 17%.

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