DANYEL FISHER

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PROFILE

Experienced researcher brings together data visualization, human-computer interaction, and database architecture to find new ways for users to interact and analyze data. My user- and task-centered approach builds tools that help solve real problems. Proven track record of delivering impactful customer results. High-profile researcher with over fifty influential peer-reviewed articles and 25 granted patents. Skilled public speaker at tech and academic venues.

OBJECTIVE

To support users in understanding and making sense of their data, by studying their challenges and creating new tools and data experiences that address their issues.

EMPLOYMENT HISTORY

Researcher **2004-Current**

Microsoft Research

Carried out research on data visualization, influencing research on the connections between database architectures and data visualization, including progressive analysis. Created novel visualization tools for social networks, geographical data, event sequences, animation, and data storytelling. Influenced data visualization and extensibility architectures of Microsoft Office and PowerBI; shaped data analysis efforts across the company.

Research Intern	IBM Research, Cambridge	**2002, 2000**
Research Intern	IBM Research, Almaden	**1997**
Software Development Intern	Microsoft	**1996**

PUBLICATION HIGHLIGHTS

D. Fisher, M. Meyer. *Making Data Visual: A Practical Guide to Using Visualization for Insight*. Sebastopol: O'Reilly Associates. **book** 2018

D. Moritz, D. Fisher, B. Ding, C. Wang. "Trust, but Verify: Optimistic Visualizations of Approximate Queries for Exploring Big Data." *Proc. of ACM Ann. Conf. on Human Factors in Comp. Systems (CHI 2017*) 2017

E. Zgraggen, S. Drucker, D. Fisher, R. DeLine. "(s|qu)eries: Visual Regular Expressions for Querying and Exploring Event Sequences". *Proc. of ACM Ann. Conf. on Human Factors in Comp. Systems (CHI)*. 2015

A. Bigelow, S. Drucker, D. Fisher, and M. Meyer, "Reflections on How Designers Design with Data", *Int'l Working Conf. on Adv. Visual Interfaces*. **Best paper** 2014

D. Fisher, R. DeLine, M. Czerwinski and S. Drucker, "Interactions with big data analytics," *interactions*, vol. 19, no. 3, pp. 50-59. ACM. 2012

D. Fisher. "Animation for Visualization: Opportunities and Drawbacks." In J. Steele and N. Illinisky (ed.), *Beautiful Visualization*. O'Reilly Media. **Book chapter** 2010

EDUCATION

University of California, Irvine. Ph. D. in Information and Comp. Sci. (P Dourish, Advisor) **2004**

University of California at Berkeley: M.S. in Comp. Sci. (John Canny, Advisor) **2000**