Melanie Bancilhon

Department of Computer Science & Engineering
Washington University in St. Louis
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Education

Ph.D. in Computer Science, Washington University in St. Louis   2019 - present
Advisor: Dr. Alvitta Ottley

B.A. Computer Science, Smith College   2015 - 2019
B.A. Art and Architecture, Smith College

Research Experience

Visual Data Analytics Group, Washington University in St. Louis   2019 - present
Principal Investigator: Dr. Alvitta Ottley

Human Computation & Visualization Laboratory, Smith College   2018 - 2019
Principal Investigator: Dr. Jordan Crouser

Social Dynamics Group, Nokia Bell Labs   Summer 2018
Principal Investigator: Prof. Daniele Quercia

Publications

Bancilhon, M., Liu, Z., Ottley, A. (In Print). Let's Gamble: How a Poor Visualization Can Elicit Risk Behavior. *IEEE Transactions on Visualization and Computer Graphics*.

Ha, S., Costales, R., **Bancilhon, M.**, Puri, S., Ottley, A. (Under Review). Uncovering User Interest during Data Exploration via Unsupervised Clustering . *ACM CHI Conference on Human Factors in Computing Systems.*

Bogucka, E.P., Constantinides, M., Aiello, L.M, Quercia, D., So, W., **Bancilhon, M.** (In Print). Cartographic Design of Cultural Maps. *IEEE Transactions on Computer Graphics and Applications.*

Workshop Papers & Posters

Bancilhon, M., Ottley, A. (In Print). Did You Get The Gist Of It? Understanding How Visualization Impacts Decision-Making. *IEEE Transactions on Visualization and Computer Graphics*.

Ha, S., **Bancilhon, M.**, Ottley, A. (In Print). Expectation Versus Reality: The Failed Evaluation of a Mixed-Initiative Visualization System. *IEEE Transactions on Visualization and Computer Graphics.*

Liu, Z., **Bancilhon, M.**, Ottley, A. (2019). Icons are Best: Ranking Visualizations for Proportion Estimation. *IEEE Information Visualization.*

Professional Service and Outreach

Conference Reviewing
IEEE Visualization for Communication (VisComm)   2020

Community
Learning Lodge Tutor, Math 7th grade   Summer 2020

University Service
Computer Science & Engineering Graduate Student Senator   2020

Teaching Experience

Mentored Teaching Experience

Introduction to Visualization, Washington University in St. Louis   Fall 2020
Instructor: Dr. Alvitta Ottley

Awards

Sigma Xi Honor Society   2019

Grace Hopper Celebration Scholar   2018