



Matthew Brehmer

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Data Visualization Researcher

PhD, MSc, BComp

Seattle, Washington

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Publications (cont.)

The Haptic Crayola Effect: Exploring the Role of Naming in Learning Haptic Stimuli. Hwang, Maclean, **Brehmer**, Hendy, Sotirakopoulos, & Choi. Proc. IEEE World Haptics Conference (WHC), p. 385-390.

2011

Activate Your GAIM: A Toolkit for Input in Active Games.

2010

Brehmer, Graham, & Stach. Proc. ACM Academic Conference on the Future of Game Design and Technology (Future Play), p. 151-158.

Classifying Input for Active Games.

2009

Stach, Graham, **Brehmer**, & Hollatz. Proc. ACM Advances in Comp. Entertainment (ACE), p. 379-382.

Doctoral Colloquium

Visualization Task Abstraction from Multiple Perspectives.

2014

Brehmer. Presentation and Poster at the IEEE VIS Doctoral Colloquium.

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Research Community Service

External Reviewer

2013 – 2016

IEEE VIS (InfoVis, VAST), IEEE Transactions on Visualization & Computer Graphics (TVCG)
The Eurographics Conference on Visualization (EuroVis), Sage Information Visualization
ACM Transactions on Human-Computer Interaction (TOCHI)
ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)

Student Volunteer

2011, 2013, 2015, 2016

ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)

University Service

University of British Columbia Department of Computer Science
Graduate Admissions and Recruitment Committee

Vancouver, Canada
2013 – 2015

University of British Columbia Computer Science Graduate Students' Association
Vice President (Social Events)
Graduate Student Orientation Committee
Un-Distinguished Lecture Series Organizer

Vancouver, Canada
2010 – 2011
2012
2010 – 2011, 2012 – 2013

Industry Experience

Microsoft Research

Redmond, USA
Summer 2015

Research Intern; mentor: Bongshin Lee (neXus Group)

EnerNOC (formerly Pulse Energy)

Vancouver, Canada
2013 – 2014

Mitacs-Accelerate Graduate Research Intern

EMC

Toronto, Canada
2007 – 2008

User Experience Design Intern

Killam Properties, Inc.

Halifax, Canada
2006

Web Developer, IT Support Staff

Teaching Experience

University of British Columbia Department of Computer Science
Guest Lecturer: *Information Visualization* (CPSC 547)

Vancouver, Canada
2014, 2015
2012 – 2013

Guest Lecturer: *Introduction to Human Computer Interaction Methods* (CPSC 344)

2010

Teaching Assistant: *Advanced Human Computer Interaction Methods* (CPSC 444)

2009

Teaching Assistant: *Introduction to Human Computer Interaction Methods* (CPSC 344)

Honours & Awards

University of British Columbia Department of Computer Science Student Service Award

2016

University of British Columbia Department of Computer Science Volunteering Award

2015

Mitacs-Accelerate Graduate Research Internship Program Award

2013 – 2014

Natural Sciences & Engineering Research Council of Canada (NSERC) Postgraduate Scholarship

2011 – 2014

University of British Columbia Four Year Doctoral Fellowship

2011 – 2015

University of British Columbia Department of Computer Science Merit Scholarship

2009 – 2011

Queen's University Dean's Entrance Scholarship in Computing

2004 – 2005