

# MORGAN DIXON

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## RESEARCH INTERESTS

Human-Computer Interaction, Machine Learning, Pen Computing, Data Analysis Tools

## EDUCATION

- 09/2008 – PRESENT University of Washington, Seattle, WA  
PHD candidate in *Computer Science and Engineering*  
Advisor: Professor James Fogarty
- 05/2008 University of Maryland, College Park, MD  
BS in *Computer Science and Mathematics*, with Honors

## EMPLOYMENT

- 06/2008 – 09/2008 Microsoft Research, Redmond, WA  
*Research Intern*  
Research with Ken Hinckley and Raman Sarin.  
Designed, prototyped, programmed, and evaluated Codex, a dual-surface tablet computer for individual and collaborative use.
- 09/2008 – PRESENT University of Washington, Seattle, WA  
*Graduate Research Assistant*  
Research with Professor James Fogarty.
- 02/2006 – 05/2008 University of Maryland, College Park, MD  
*NSF Research Experiences for Undergraduates Intern*  
Researched with Professor François Guimbretière.
- 06/2005 – 08/2005 Microsoft Corporation, Redmond, WA  
*Explorer Intern*  
Participated on the interface design of Windows Live Messenger  
Developed and released a MSN Messenger video game application
- 11/2008 – 02/2009 CHI 2009, Boston, MA  
*Student Volunteer for CHI 2009*  
Helped Ken Hinckley and Merrie Morris build and maintain the advanced conference proceedings.

## TEACHING EXPERIENCE

- 02/2007 – 05/2007  
U. OF MARYLAND Computer Science Passport Program TA for Nelson Padua-Perez. Taught introduction to programming to 88 underrepresented middle school students. Graded projects, quizzes, and tests assigned to students.
- 09/2006 – 05/2008  
U. OF MARYLAND Computer Science Education Committee Undergraduate Representative. Collaborate with committee members to set departmental goals.

## REFEREED PAPERS

- 2009 Ken Hinckley, **Morgan Dixon**, Raman Sarin, François Guimbretière, and Ravin Balakrishnan. (2009). Codex: A Dual Screen Tablet Computer. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI 2009)*, 1933 – 1942.
- 2008 **Morgan Dixon**, François Guimbretière, and Nick Chen. (2008). Optimal Parameters for Efficient Crossing-Based Dialog Boxes. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI 2008)*, 1623-1632.
- 2008 Nick Chen, François Guimbretière, **Morgan Dixon**, Cassandra Lewis, and Maneesh Agrawala. (2008). Navigation Techniques for Dual-Display E-Book Readers. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI 2008)*, 1779-1788.
- 2007 François Guimbretière, **Morgan Dixon**, and Ken Hinckley. (2007). ExperiScope: an analysis tool for interaction data. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI 2007)*, 1333-1342.

## AWARDS AND HONORS

- 2008 ARCS Fellowship Recipient
- 2008 Microsoft Productivity Fair Thought Leadership Award
- 2008 NSF Graduate Research Fellowship: Honorable Mention
- 2007 CRA Outstanding Undergraduate Award: Honorable Mention
- 2007-2008 Member of the Computer Science Department Honors Program
- 2004 Awarded IBM's Thomas J. Watson Memorial Scholarship