

Brian M. Landry

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EDUCATION

Georgia Institute of Technology 8/2002 - present
College of Computing
Ph.D. Candidate, Computer Science
Concentration: Human Computer Interaction (HCI)

Georgia Institute of Technology 8/2002 – 8/2005
College of Computing
Master of Science in Computer Science
Major: Computer Science

Xavier University of Louisiana 8/1998 – 5/2002
Bachelor of Science (Summa Cum Laude)
Major: Computer Science Minor: Mathematics
GPA: 3.9/4.0 (overall) 3.9/4.0 (major) 4.0/4.0 (minor)

RESEARCH EXPERIENCE

Graduate Research Assistant 1/2006 – present
Georgia Institute of Technology, College of Computing
Advisor: Mark Guzdial

- Studied how professionals guide the practice of storytelling with personal digital media (e.g. digital photos and video) and produced guidelines intended to inform the design of software to support multimedia story authoring.
- Used guidelines developed by studying human practice to create the multimedia story-authoring tool iTell. Uncovered compelling multimedia authoring tendencies of users (e.g. the media captured dictated the aspects of an experience that were shared) through a user evaluation of iTell, and provided design guidance for media authoring tool designers.
- Designing and developing a multimedia story-authoring tool – Storytellr – which leverages prevalent media activities (e.g. annotation and search) to facilitate the construction of engaging, plot-driven personal stories.

Co-op Pre-Professional Engineer Summer 2006
IBM T. J. Watson Research Center
Host: Shahram Ebadollahi
Manager: Murray Campbell

Designed and developed a system to automatically produce multimedia news stories using a repository of reusable media assets and free-form text as an input. The system analyzed the text

input, searched through a collection of news clips to visually represent the text, and composed the selected video and a text-to-speech rendering of the input text into a coherent news presentation.

Research Assistant

Summer 2004

Ricoh Innovations Inc.
Menlo Park, CA
Manager: Kurt Piersol

Designed a prototype based on a novel electronic document management interface to support flexible creation, organization and reuse of multimedia content. The prototype served as both a presentation authoring, and viewing tool.

Co-op Pre-Professional Engineer

Summer 2002

IBM T. J. Watson Research Center
Host: Harry Stavropoulos
Manager: David Wood

Designed and implemented a multi-modal interface for requesting information relevant to the user's current geographical context. The interface leveraged a Location-Based Services middleware infrastructure allowing users to request information (e.g. location of the nearest steakhouse) by placing a phone call from a mobile device. The middleware infrastructure sent maps and directions to the user's mobile device as a result.

Co-op Pre-Professional Engineer

Summer 2001

IBM T. J. Watson Research Center
Host: Anthony Levas
Manager: Paul Chou

Designed and implemented a voice interface to enable vocal control of the environmental settings and devices (e.g. the Everywhere display) of the BlueSpace office workspace prototype.

PUBLICATIONS

Landry, B. M. and Guzdial, M. "iTell: Supporting Retrospective Storytelling with Digital Photos." *In Proc. Designing Interactive Systems (DIS 2006)*. pp. 160-168.

Landry, B. M. and Guzdial, M. "Learning from Human Support: Informing the Design of Personal Digital Story-Authoring Tools." *Journal of the International Digital Media and Arts Association* (2006) 3(1), pp. 106-119.

Landry, B. M. and Guzdial, M. "Supporting Personal Digital Storytelling: From People to Software" *GIT-GVU-04-22*. Available at <http://cc.gatech.edu/gvu/reports/2004>

Landry, B. M., Pierce, J. S. and Isbell, C. L. "Supporting routine decision-making with a next-generation alarm clock." *Personal and Ubiquitous Computing* (2004) 8(3-4) pp. 154-160. *This publication can also be found in the proceedings of 2AD*

DOCTORAL CONSORTIUM

Landry, B. M. "Storytelling with Digital Photographs: Supporting the Practice, Understanding the Benefit." *In Proc. Conference on Human Factors in Computing Systems (CHI 2008) Extended Abstracts*. pp. 2657-2660.

PATENT

Campbell, M. S., Ebadollahi, S., Hill, M. L., Landry, B. M., Li, C., Natstev, A. I., Naphade, M. R., Smith, J. R., Tesic, J. and Xie, L. *Method and Apparatus for Automatic Multimedia Narrative Enrichment*. filed 2007 (pending)

INVITED PRESENTATIONS

Landry, B. M. "Storytelling with Digital Photographs: Supporting the Practice, Understanding the Benefit." Kodak Research Labs. Rochcheter, NY. December 4, 2008.

Landry, B. M. "Art or Circus: Characterizing User-Created Content on YouTube." *HBCU-UP Conference*. Washington, DC. October 2007.

Landry, B. M. "Conflict Resolution Panel." *AARCS 2006*. Auburn, AL. July 2006.

STUDENTS SUPERVISED

Master's

- Bobby Matthew
- Ji-Won Song

Undergraduate

- Angela Navarro
- Anthony Thomas
- Katie Flinn

TEACHING EXPERIENCE

Course Instructor - "User Interface Design" Spring 2008
Co-taught an undergraduate course on user-interface design. Responsibilities included lecturing at least once a week, mid-term and final exam creation, project report grading, exam grading, syllabus creation, advising students and general course administration. Course size: 40 students.

Graduate Teaching Assistant – "Representing Structure and Behavior" Fall 2007
Supervisor: Gregory Abowd, Georgia Institute of Technology
Substitute lecturer for a course of 131 students

Graduate Teaching Assistant – "Representing Structure and Behavior" Fall 2006
Supervisor: Gregory Abowd, Georgia Institute of Technology
Substitute lecturer for a course of 148 students

Graduate Teaching Assistant – "Representing Structure and Behavior" Spring 2006
Supervisor: Mark Guzdial, Georgia Institute of Technology
Substitute lecturer for a course of 18 students.

SKILLS

JavaScript, PHP, MySQL, Flash, Java, HTML, C#.NET, .NET Framework, Java Servlets, VoiceXML

SERVICE ACTIVITIES

- **ACM SIGCHI Reviewer (2006-2008)**
- **Intel Opportunity Scholars Program Mentor (1.5 years)**
 - Mentored and advised the research of **three** undergraduates from underrepresented groups in Computer Science
- **SURE Program mentor**
 - Served as departmental mentor for an undergraduate engaging in a summer research experience
- **FOCUS Program Volunteer (4 years)**
 - Served as escort and panelist for prospective graduate students visiting Georgia Tech's campus

HONORS/AWARDS

- Kodak Fellowship (3 yr. award)
- David and Lucile Packard Foundation Fellowship (5 yr. award)
- FACES Fellowship (recurring award)
- ACM Multimedia Travel Grant (2006)
- Alpha Kappa Mu Honor Society (2001)