
CURRICULUM VITAE

Christopher Michael Plaue
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Education

Georgia Institute of Technology Atlanta, GA, USA

- Ph.D. Candidate in Computer Science (Expected August 2009)
- Research Interests: User Interface Design, Information Visualization, Ambient Display Technologies, Computer-Supported Cooperative Work
- Thesis Topic: Exploring and Visualizing the Impact of Multiple Shared Displays on Collocated Meeting Practices
- Advisor: Dr. John Stasko

Georgia Institute of Technology Atlanta, GA, USA

- M.S. in Computer Science
- Degree Awarded August 2006

Bucknell University Lewisburg, PA, USA

- B.S. in Computer Science (*magna cum laude*)
- Degree Awarded May 2002

Professional Experience

Steelcase Inc. Grand Rapids, MI, USA

Summer Intern, Workspace Futures May – August 2007

- Conducted ethnographic observation of technology usage during meetings
- Created human-centric technology solutions for information access
- Developed experimental prototypes

Steelcase Inc. Grand Rapids, MI, USA

Summer Intern, Workspace Futures May – August 2006

- Designed and documented software for sharing information content
- Developed physical setting prototypes integrating technology into workspaces
- Conducted literature and product research

Academic Experience

Georgia Institute of Technology Atlanta, GA, USA

Course Instructor, User Interface Design (Undergraduate Level) January 2009 - present

- Responsible for course planning, creating assignments and exams
- Coordinated and gave lectures on various topics related to Human-Computer Interaction and Interaction Design
- Evaluated course curriculum for enhancement
- Class size: 37 undergraduate students

Georgia Institute of Technology

Research Mentor

Atlanta, GA, USA

August 2005- April 2009

- Supervised a Master's student in building a visual analytical tool combining information visualization with data analysis to explore time-series data
- Led an undergraduate and a graduate student in researching, developing, and building two ambient display systems to visualize local mass transit GPS information

Georgia Institute of Technology

Graduate Teaching Assistant, Computers, Society, & Professionalism

Atlanta, GA, USA

August – December 2008

- Graded and provided feedback on homework assignments and term papers
- Provided students with writing and argument formulation techniques
- Performed class administration duties
- Class size: 30 undergraduate students

Georgia Institute of Technology

Guest Lecturer, Computers, Society, & Professionalism

Atlanta, GA, USA

October 2008

- Prepared and gave a lecture on visual evidence
(Using visualizations and chart design to effectively convey information or support an argument)
- Class size: 30 undergraduate students

Georgia Institute of Technology

Graduate Teaching Assistant, Video Game Design

Atlanta, GA, USA

May 2008 – August 2008

- Assisted students in developing 3D games
- Graded and provided feedback on programming milestones
- Provided mentorship for project teams
- Class size: 24 undergraduate and 3 graduate students

Georgia Institute of Technology

Guest Lecturer, Information Visualization

Atlanta, GA, USA

April, May 2008

- Prepared and gave a lecture on dynamic query usage in information visualization
- Prepared and gave a lecture on interaction techniques within information visualization
- Prepared and gave a lecture on ambient information visualization
- Familiarized with distance learning software (class was taught in Atlanta and broadcasted to a satellite campus in France)
- Evaluated students' oral presentations on research papers
- Class size: approximately 30 graduate students in Atlanta and 5 graduate students in France

Georgia Institute of Technology

Graduate Research Assistant

Atlanta, GA, USA

August 2002 – present

- Conducted longitudinal evaluation of information awareness systems
- Conducted controlled laboratory studies of information awareness system
- Developed an artistic ambient information display (“Bluegoo”)
- Created prototype ambient displays for meeting visualizations
- Supervised development of novel ambient information displays

Bucknell University

Research Assistant, Dr. Andrea Halpern

Lewisburg, PA, USA

1999-2002

- Developed scripts for experiments probing melodic and phonetic memory
- Conducted experimental sessions
- Developed data analysis support tools

Publications

Conference Full Papers (peer-reviewed)

- C. Plaue, J. Stasko, and M. Baloga. The conference room as a toolbox: technological and social routines in corporate meeting spaces. To Appear in the 4th *International Conference on Communities and Technologies (C&T 2009)*, June 25-27, 2009.
- C. Plaue and J. Stasko. Presence & placement: exploring the benefits of multiple shared displays on an intellectual sensemaking task. To Appear in the *Proceedings of the 2009 International ACM Conference on Supporting Group Work (GROUP '09)*, May 10-13, 2009.
- C. Plaue and J. Stasko. Animation in a peripheral display: distraction, appeal, and information conveyance in varying display configurations. *Proceedings of Graphics Interface 2007*, Canadian Human-Computer Communications Society, 135-142.
- J. Stasko, T. Miller, Z. Pousman, C. Plaue, and O. Ullah. Personalized peripheral awareness through information art. *Proceedings of Ubiquitous Computing 2004*, 18-35.
- C. Plaue, T. Miller, and J. Stasko. Is a picture worth a thousand words? An evaluation of information awareness displays. *Proceedings of Graphics Interface 2004*, Canadian Human-Computer Communications Society, 117-126.

Technical Reports

- J. Stasko, D. McColgin, T. Miller, C. Plaue, and Z. Pousman. Evaluating the InfoCanvas peripheral awareness system: a longitudinal, in situ study. *Graphics, Visualization, and Usability Center Technical Report GIT-GVU-05-08*, March 2005.
- C. Plaue, T. Miller, and J. Stasko. An evaluation of information awareness displays. *Graphics, Visualization, and Usability Center Technical Report GIT-GVU-04-02*, February 2004.

Workshops and Videos

- C. Plaue. Multiple Display Environments in meeting spaces: insights from field and laboratory studies. CSCW 2008 Workshop: Beyond the Laboratory: Supporting Authentic Collaboration with Multiple Displays.

- J. Stasko, M. Doo, B. Dorn, and C. Plaue. Explorations and experiences with ambient information systems. *Issues of Designing and Evaluating Ambient Information Systems*. Held at *Pervasive 2007*, 36-41.
- C. Plaue and J. Stasko. The InfoCanvas: visualizing personal peripheral information through information art (video). Held at *Information Visualization 2005*.

Awards & Honors

- National Defense Science and Engineering Graduate Fellowship (2002-2005)
- Georgia Institute of Technology President's Fellowship (2002-2005)
- Magna Cum Laude Graduation Honors (2002)
- Bucknell University Dean's List (1998-2002)
- BestFoods Scholarship Recipient (1998-2002)

Service & Community

Program Committee

- Graphics Interface, Canadian Human-Computer Communications Society (2008)

Paper Reviewer

- Computer Supported Cooperative Work (2008)
- CHI: ACM Conference on Human Factors in Computing Systems (2008, 2007, 2006)
- IEEE Visualization (InfoVis) (2005, 2006, 2007)
- Graphics Interface, Canadian Human-Computer Communications Society (2007, 2006, 2005)

University

- Georgia Tech Graduate Student Council (2006- present)
- Bucknell University Admissions Representative
- Information Interfaces Lab Manager (2004 – present)
- Bucknell University Circle K Vice Present (2001-2002)

Affiliations

- Association for Computing Machinery Student Member
- GVU Center, Georgia Institute of Technology
- Human Factors and Ergonomics Society, Georgia Tech Chapter