

YEVGENIY "EUGENE" MEDYNSKIY
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EDUCATION

- 08/2006 – 05/2012 **Ph.D. in Human-Centered Computing** Georgia Institute of Technology, Atlanta, GA
Thesis: "Design and Evaluation of a Health-focused personal informatics application with support for generalized goal management."
Doctoral advisor: Professor Elizabeth Mynatt.
- 08/2002 – 12/2005 **B.S. in Computer Science** Cornell University, Ithaca, NY
Cumulative GPA of 3.9 (*magna cum laude*). Minor in Information Science.

Selected graduate coursework: Human-Computer Interaction, Empirical Methods in Machine Learning and Data Mining, Structure of Information Networks, Design of Online Communities, Mobile and Ubiquitous Computing.

Selected undergraduate coursework: Information Retrieval, Practicum in Database Systems, Human-Computer Interaction Design, Psychology of Social Computing.

REFEREED PUBLICATIONS

- Li, I., **Medynskiy, Y.**, Froehlich, J., and Larsen, E.G. Personal Informatics in Practice: Improving Life Through Data. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2012)*. Austin, TX, USA.
- Mamykina, L., Miller, A., **Medynskiy, Y.**, Grevet, C., Davidson, P., Terry, M., and Mynatt, E. (2011). Examining the Impact of Collaborative Tagging on Sensemaking in Nutrition Management. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2011)*. Vancouver, BC, Canada.
- Li, I., Dey, A., Forlizzi, J., Höök, K. and **Medynskiy, Y.** Personal Informatics and HCI: Design, Theory, and Social Implications. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2011)*. Vancouver, BC, Canada.
- Medynskiy, Y.** and Mynatt, E. (2010). Salud!: An Open Infrastructure for Developing and Deploying Health Self-management Applications. *Proceedings of the 4th International ICST Conference on Pervasive Computing Technologies for Healthcare (Pervasive Health 2010)*. Munich, Germany.
- Medynskiy, Y.**, Dontcheva, M. and Drucker, S. (2009). Exploring Websites with Contextual Facets. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2009)*. Boston, MA, USA.
- Diakopoulos, N. Luther, K., **Medynskiy, Y.** and Essa, I. (2007). The Evolution of Authorship in Remix Society. *Proceedings of the Eighteenth ACM Conference on Hypertext and Hypermedia (HT 2007)*. Manchester, UK.
- Medynskiy, Y.** and Bruckman, A. (2007). The Effects of Conversations with Regulars and Administrators on New Users of a Self-Motivated Online Learning Environment. *Proceedings of the Conference on Computer Supported Collaborative Learning (CSCL 2007)*. New Brunswick, NJ, USA.
- Medynskiy, Y.**, Ducheneaut, N. and Farahat, A. (2006). Using Hybrid Networks for the Analysis of Online Communities. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2006)*. Montreal, QC, Canada.
- Boehner, K., Sengers, P., **Medynskiy, Y.** and Gay, G. (2005). Opening the Frame of the Art Museum – Technology between Art and Tool. *Proceedings of the Digital Arts & Culture Conference (DAC 2005)*. Copenhagen, Denmark.

REFEREED POSTERS AND POSITION PAPERS

- Medynskiy, Y.**, Yarosh, S. and Mynatt, E. (2011). Five Strategies for Supporting Healthy Behavior Change. *Extended Abstracts of the ACM Conference on Human Factors in Computing Systems (CHI 2011)*. Vancouver, BC, Canada.

Medynskiy, Y. and Mynatt, E. (2010). From Personal Health Informatics to Health Self-management. Paper presented at the “Know Thyself: Monitoring and Reflecting on Facets of One’s Life” workshop at the ACM Conference on Human Factors in Computing Systems (CHI 2010). Atlanta, GA, USA.

Medynskiy, Y., Miller, A., Yoo, J.W., Mynatt, E. (2009). Temporal Data in a Health Self-management Application. Paper presented at the “Interacting with Temporal Data” workshop at the ACM Conference on Human Factors in Computing Systems (CHI 2009). Boston, MA, USA.

Wyche, S., **Medynskiy, Y.** and Grinter, R. (2007). Exploring the Use of Large Displays in American Megachurches. *Extended Abstracts of the ACM Conference on Human Factors in Computing Systems (CHI 2007)*. San Jose, CA, USA.

Medynskiy, Y., Gov, S., Mazalek, A. and Minnen, D. (2007). Wearable RFID for Play. Paper presented at the “Tangible Play: Research and Design for Tangible and Tabletop Games” workshop at the 2007 International Conference on Intelligent User Interfaces (IUI 2007). Honolulu, HI, USA.

Medynskiy, Y. (2006). Lies in the Interface: Free “Smut” as License for Deception. Paper presented at the “Sexual Interactions: Why We Should Talk about Sex in HCI” workshop at the ACM Conference on Human Factors in Computing Systems (CHI 2006). Montreal, QC, USA.

Medynskiy, Y. (2005). Implicit Links in Asynchronous Communication Spaces. Paper presented at the “Beyond Threaded Conversations” workshop at the ACM Conference on Human Factors in Computing Systems (CHI 2005). Portland, OR, USA.

NON-REFEREED PUBLICATIONS

Medynskiy, Y. (2011). Using Flash Tools to Power a Personal Informatics Platform. *Adobe Developer Connection*. February 27, 2011. <http://www.adobe.com/devnet/edu/articles/powering-a-personal-informatics-platform.html>

Sengers, P, Kaye, J., Boehner, K., Fairbank, J., Gay, **Medynskiy, Y.** and Wyche, S. (2004). Culturally Embedded Computing. *IEEE Pervasive Computing*, 3(1), 14-21.

TECHNICAL REPORTS

Diakopoulos, N., Luther, K., **Medynskiy, Y.** and Essa, I. (2007). Remixing Authorship: Reconfiguring the Author in Online Video Remix Culture. *Georgia Institute of Technology Technical Report*. GIT-IC-07-05.

Medynskiy, Y. and Bruckman, A. (2007). The Effects of Conversations with Regulars and Administrators on New Users of a Self-Motivated Online Learning Environment. *GVU Technical Report*. GIT-GVU-07-05.

PATENTS

Medynskiy, Y., Ducheneaut, N. and Farahat, A. (2011). Systems and Methods for the Combination and Display of Social and Textual Content. U.S. Patent 7,945,854.

INVITED LECTURES

Medynskiy, Y. (2011). Designing Effective Software Tools for Health/Wellness Tracking and Goal Management. Center for Law, Ethics, and Applied Research (CLEAR) in Health Information, Indiana University. February 24, 2011.

Medynskiy, Y. (2009). Exploring Websites with Contextual Facets. GVU Center Brown Bag Lecture Series, Georgia Institute of Technology. March 12, 2009.

TEACHING EXPERIENCE

08/2007 – 12/2007 **Graduate Teaching Assistant** Georgia Institute of Technology, Atlanta, GA
Assisted with *Principles of User Interface Software*, a project-oriented course on the design and implementation of graphical user interfaces for graduate students and advanced undergraduate students. Responsibilities

included helping students with class material and programming assignments, providing support to graduate students working on independent projects, and grading exams and assignments.

01/2003 – 05/2003 **Undergraduate Teaching Assistant** Cornell University, Ithaca, NY
Assisted with *Data Structures and Algorithms*, an introductory-level class covering basic data structures and algorithms. Responsibilities included helping students with class material and grading programming projects.

SELECTED INDUSTRY EXPERIENCE

09/2010 – present **Chief Technical Officer** Usable Health LLC, Atlanta, GA
Lead the design and realization of the smartmenu, a modern self-service ordering platform for both quick-service and traditional restaurants. Developed key smartmenu functionality, including payment processing, point-of-sale integration, and remote technical support infrastructure. Currently managing a small, full-time technical team to ensure a reliable rollout of smartmenu systems to regional restaurant franchises, design and deploy innovative features targeted at restaurant patrons and staff, and develop proprietary nutritional analysis algorithms to help restaurant patrons select meals that match their personal dietary preferences and health profile.

05/2008 – 08/2008 **Creative Technologies Lab Intern** Adobe Systems Inc., San Francisco, CA
Worked with Adobe researchers to design and evaluate *contextual facets*, a novel website navigation interface. The interface allows users to directly manipulate webpage fields and elements in order to browse or search related pages. Developed FacetPatch, a proof-of-concept system which retroactively enables this style of navigation on pre-existing websites. This work was presented as a full paper at CHI 2009.

05/2007 – 08/2007 **User Experience Research Intern** Google Inc., Mountain View, CA
Worked with the Google Maps for Mobile team to develop infrastructure and tools for distilling usability and user experience data from server logs. Analyzed differences in usage patterns of the Google Maps for Mobile application across several global markets. Communicated results to user experience researchers, software engineers and product managers through written reports, presentations and informal discussions.

12/2006 – 05/2007 **Social Software Consultant** Kaltura Inc., Brooklyn, NY
Developed market analysis tools to inform Kaltura's marketing efforts across online social networking services. Also participated in formative discussions about the integration of Kaltura's collaborative multimedia editing platform with existing social networking services and user-generated content communities.

05/2006 – 08/2006 **Software Engineering Intern** Google Inc., Mountain View, CA
Worked with the orkut engineering team to design and implement a new, top-level orkut feature. Iteratively created a design document and mock-ups detailing the feature's functionality and architecture. Started implementing the feature in the remaining time of the internship.

05/2005 – 08/2005 **Computing Science Lab Intern** Palo Alto Research Center Inc., Palo Alto, CA
Used techniques from statistical natural language processing and social network analysis to develop a novel method for visualizing activity in an open source development community. Internship resulted in a patent application and a publication at a first-tier, peer-reviewed conference.

RESEARCH GRANTS

06/2009 – present **Technologies for Nutrition and Diabetes Management**
National Science Foundation (Grant #0915934)
Principal investigator: Professor Elizabeth Mynatt.

03/2008 – 03/2009 **Google Research Award: Visualizing Social Dynamics of Mobile Services**
Google Inc. (Amount: \$34,000)
Primary investigator: Associate Professor Rebecca Grinter.

09/2004 – 12/2004 **Learning Initiatives for Future Engineers (LIFE) Research Grant**
Cornell University (Amount: \$800)
Primary investigators: Assistant Professor Phoebe Sengers and Professor Daniel Huttenlocher.
Received funds for a semester-long independent research project to study online social dynamics on the LiveJournal virtual community.

SELECTED ACADEMIC AND RESEARCH ADVISING

- 12/2010 – 05/2011* Abhinesh Rao (M.S. CS, Georgia Institute of Technology, class of 2011)
08/2009 – 12/2010 Dev Priya (M.S. CS, Georgia Institute of Technology, class of 2010)
08/2009 – 05/2010 Mebaa Kidane (B.S. CS, Georgia Institute of Technology, class of 2013)
06/2009 – 05/2010 Ruchi Goswami (M.S. CS, Georgia Institute of Technology, class of 2010)
01/2009 – 08/2009 Joy Buolamwini (B.S. CS, Georgia Institute of Technology, class of 2013)
01/2009 – 05/2009 Chee Shing “Nigel” Chan (B.S. CS, Georgia Institute of Technology, class of 2009)

AWARDS, HONORS, AND FELLOWSHIPS

- 01/2012* 30 Under 30: Technology, Forbes Magazine
09/2011 Foley Scholar Finalist
09/2010 Foley Scholar Finalist
02/2010 Georgia Tech Research and Innovation Conference (gtRIC) Fellowship
12/2005 Finalist in Computing Research Association's Outstanding Undergraduate Award program
04/2005 Selected as Student Spotlight for Cornell's Bits on Our Minds (BOOM) research conference

SERVICE AND VOLUNTEER EXPERIENCE

- 02/2008 – present* Collaboration Service Manager for Georgia Tech's Technology Services Organization
02/2009 – 04/2010 Webmaster and program committee member for CHI 2010
01/2007 – 09/2010 Maintained the Repetitive Stress Injury Lending Library for Georgia Tech's College of Computing
01/2008 – 01/2009 Webmaster for the Georgia Tech Web Science Initiative (<http://webscience.cc.gatech.edu>)
Program committee for CHI 2012 (Works-in-Progress)
Student volunteer at CHI 2005, CSCW 2006 and CHI 2009