Syavash Nobarany

Ph.D. in Computer Science (Human-computer Interaction), University of British Columbia
M.Sc. in Interactive Arts and Technology, Simon Fraser University
B.Sc. Electrical and Computer Engineering, University of Tehran

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EMPLOYMENT

2017-Now	*Software Engineer at Momentum Dashboard Inc:* Helping improve Momentum Dashboard, and have been the lead developer of some of the components. (BackboneJS, VueJS, C#, SQL and NoSQL databases, Microsoft Azure Cloud)
2015-Now	*Co-founder & full-stack developer at OurNows*: Built OurNows.com from the ground up. OurNows is a web application for tracking how life evolves (AngularJS, Java, NoSQL, Google Cloud).
2017 Feb-Apr	*Software Developer at Ocean Networks Canada:* Helped improve Oceans 2.0 including SeaTube, SeaScribe. (Java, Hibernate, SQL and NoSQL databases, YUI)
2010-2015	*Research Assistant (UX Research) at the University of British Columbia:* Studied the scientific peer review process through interviews, questionnaires, user studies, social media scraping, etc. Used qualitative and quantitative analysis methods to inform design of user interfaces. (Java, R, JavaScript)
2010-2012 (Various terms)	*Teaching assistant at the University of British Columbia and Simon Fraser University*: Advanced Human-computer Interaction, Introduction to Human-computer Interaction methods, and Computers and Society – Designed syllabus for TA lectures, delivered short lectures & coached project teams
2008-2010	*Research Assistant (Visual Analytics) at Simon Fraser University:* Designed, built, and studied visual analytics interfaces for investigative analysis. (Java, ActionScript)
2005- 2007 (Various terms)	*Undergraduate teaching assistant at University of Tehran*: Data Mining, Computer Networks, Systems Analysis & Design, Data Structures, Artificial Intelligence

TECHNICAL SKILLS, FRAMEWORKS, LANGUAGES

Backend: Java, C#, Google Cloud (AppEngine, Cloud Storage, NoSQL DataStore, etc.), Gradle, JUnit/XUnit, Objectify, Hibernate, REST API design

Frontend: JavaScript (VueJS, BackboneJS, AngularJS, JQuery, Cypress) CSS, HTML, Gulp, Webpack, Angular Material, Bootstrap

UX Research/Design: Prototyping, user testing, interview, survey, qualitative & quantitative analysis

Other: Product management (Pivotal Tracker & Jira), NoSQL & RDBMS database design

LEADERSHIP, ORGANIZING, AND SERVICE ROLES

2015	*Student volunteer co-chair at CSCW 2015 conference*: We managed 40 student volunteers, from recruitment to task assignment, and on-site management during the conference.
2010-2012 (Various terms)	*Coached 12 project teams* as a teaching assistant for Human-computer Interaction course at University of British Columbia, and Advanced Human-computer interaction course at Simon Fraser University.
2011	*Co-chair of the works-in-progress program committee, GRAND-NCE Annual Student Conference 2011*: We managed the review process including selecting & coordinating 9 associate chairs.
2011-2014 (Various terms)	*Participated in several departmental committees at UBC*: Communications, Faculty Affairs, Graduate Recruiting, Tri-mentoring Coordination, Faculty Recruiting, and Faculty Recruiting Planning
2010 - 2014	*Student volunteer* at CSCW 2010, CSCW 2012, CHI 2012, CHI 2014
Since 2010	*Peer reviewer* for CHI, CSCW, Alt.CHI, VAST. Recognized for Excellent review (CSCW 2015).

AWARDS & HONORS

2013	UBC CS Student Service Award
2009 & 2014	Travel Awards: CSCW 2014 Doctoral Consortium Travel Award; SIAT and FCAT Awards (UIST 2009)
2008 & 2010	SFU Graduate Fellowship

GRADUATE COURSEWORK

Mixed Methods in Design Research; Quantitative Research Methods and Design; User Adaptive Interaction; Human Computer Interaction; Human Interface Technologies; Exploring Interactivity; Intelligent Information Retrieval, Artificial Intelligence in Computational Art and Design; Topics in HCI: Universal Usability, CSCW, and Personalization; Cognition, Collaboration and Learning.

PUBLICATIONS

I have studied and published papers on anonymity, rating interfaces, motivations, politeness and fairness in interactions, information visualization, adaptive interfaces, and trust networks:

2016   **Nobarany, S.**, Booth, K. Understanding and Supporting Anonymity Policies in Peer Review. *Journal of the Assoc. for Information Science and Technology (JASIST)*.

2015   **Nobarany, S.**, Booth, K., Hsieh, G. What Motivates People to Review Papers? The Case for the Human-Computer Interaction Community. *Journal of the Assoc. for Information Science & Technology (JASIST)*

2015   **Nobarany, S**. Computer-supported Scholarly Peer Review. PhD Dissertation, UBC.

2015   Wang, H., Yeo, T., **Nobarany, S.**, Hsieh, G. Problem with Cross-Cultural Comparison of User-Generated Ratings on Mechanical Turk. *Proc. of the Second International Symposium of Chinese CHI*: ACM.

2015   **Nobarany, S.**, Booth, K. Use of Politeness Strategies in Signed Open Peer Review. *Journal of the Association for Information Science and Technology (JASIST)*.

2014   **Nobarany, S**. Rethinking the Peer Review Process (doctoral consortium). *CSCW Companion Proc. of the companion pub. of ACM Conf. on Computer supported cooperative work & social computing.* 77-80.

2012   **Nobarany, S.**, Oram, L., Kumar Rejendran, V., Chen, D., McGrenere, J., & Munzner, T. The Design Space of Opinion Measurement Interfaces: Exploring Recall Support for Rating and Ranking. *Proc. Conf. on Human factors in computing systems (CHI)*. 2035-2044.

2012   Tomlinson, B., Ross, J., André, P., Baumer, E., Patterson, D., Corneli, J., Mahaux, M., **Nobarany, S.**, Sambasivan, N., Lazzari, M., Penzenstadler, B., Torrance, A., Callele, D., Olson, G., Silberman, S., Kaye, J., Ständer, M., Salah, A., Morrill, E., Franch, X., Vuillemot, R., Mueller, F., Fields, D., Black, R., Cohn, M., Venkateshan, P., Gulati, V., Shih, P., Brewer, B., Danoff, C., Goyal, N., Näkki, P., Huang, J., Baghaei, N., Saper, S. Massively Distributed Authorship of Academic Papers. *Proc. Conf. Ext. Abs. on Human Factors in Computing Systems.* 11-20.

2012   **Nobarany, S.**, Haraty, M., & Fisher, B. Facilitating the Reuse Process in Distributed Collaboration: a Distributed Cognition Approach. *Proc. Conf. on Computer Supported Cooperative Work (CSCW)*. 1223–1232.

2011   **Nobarany, S.**, Haraty, M., Fels, S., & Fisher, B. Leveraging Trust Relationships in Digital Back channel Communications. *Proc. Conf. Ext. Abs.* on Human factors in computing systems (CHI). 1579-1584.

2010   **Nobarany, S**. Designing Distributed Collaborative Visual Analytics Systems. MSc Thesis, SFU.

2010   Haraty, M., **Nobarany, S.**, & Fisher, B. ExplorationMap: Supporting Collaborative Exploratory Information Seeking. *Proc. 2nd Workshop on Collaborative Information Seeking*. Savannah, GA, USA

2009   **Nobarany, S.**, Haraty, M., Fisher, B., & DiPaola, S. Epistemically Active Adaptive User Interfaces. *In Adj. Proc. of ACM Symp. on User Interface Software & Technology (UIST)*. 65-67.

2009   Haraty, M., **Nobarany, S.**, DiPaola, S., & Fisher, B. AdWiL: adaptive windows layout manager. *Proc. Intl. Conf. Ext. Abs. Human Factors in Computing Systems (CHI)*. 4177-4182.

2008   **Nobarany, S.**, Haraty, M., & Cosley, D. (2008). GePuTTIS: General Purpose Transitive Trust Inference System. *Proc. AAAI Spring Symposium on Social Information Processing.* 66-71.

2008   **Nobarany, S.** (2008). Trust-based Personal Recommendation Manager. BSc Thesis, Univ. of Tehran.

2007   **Nobarany, S.**, & Haraty, M. (2007). Improving Accuracy of Tagging Systems Using Tag Qualifiers and Tagraph Vocabulary System. *In Metadata and Semantics*. 223-226. Springer.