Kamyar Ardekani

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RESEARCH INTERESTS

Human-computer interaction, personalized user interfaces, intelligent user interfaces, ubiquitous computing

EDUCATION

University of British Columbia, Vancouver, B.C., Canada   **September 2013 – present**

M.Sc., Computer Science, Department of Computer Science

- *Supervisor*: Prof. Joanna McGrenere
- *Concentration*: Human-computer Interaction, Artificial Intelligence
- *Coursework*: Human-computer Interaction, Machine Learning, Topics in HCI: CSCW and Personalization, Artificial Intelligence, Computational Neuroscience, Experimental Design and Analysis, Personality Psychology, Cultural Psychology, Information Visualization
- *Thesis topic*: Design, implementation, and evaluation of proactive feature recommender systems
- *GPA*: 4/4

University of Tehran, Tehran, Iran   **September 2008 – July 2013**

B.Sc., Electrical Engineering, Department of Electrical and Computer Engineering
- *Theis topic*: Context-awareness in small-cell networks
- *Concentration*: Communication Systems

WORK EXPERIENCE

Mozilla, San Francisco, CA   **June 2014 – August 2014**

Intern, User Experience Research

- Design, implementation, and preliminary evaluation of a contextual feature recommender system that proactively recommends extensions and interface features to Firefox users based on their usage behavior.

TEACHING EXPERIENCE

University of British Columbia, Vancouver, B.C., Canada

Teaching Assistant   **September 2013 – present**

Holding office hours, designing assignments, and grading.
- Introduction to Artificial Intelligence, Fall 2013, Spring 2015.
- Intelligent Systems, Spring 2014.

University of Tehran, Tehran, Iran

Teaching Assistant   **September 2008 – July 2013**

Holding sections, tutorials, designing homework assignments, designing projects and grading.
- Advanced Programming, Spring 2013, Spring 2012, Fall 2012.
- Probability and Statistics, Spring 2013, Spring 2012.
- Signals and Systems, Spring 2013, Fall 2012, Fall 2011.
- Microprocessors, Spring 2011, Fall 2011.
- Physics II, Spring 2009.

Allameh Helli Highschool, Vancouver, B.C., Canada

Mathematics Teacher	**September 2010 – June 2012**
Creativity and Life Skills Program Co-founder, Teacher and Course Designer	**September 2008 – June 2012**
Co-instructor of computer programming teacher training workshop	**Summer 2012**
Computer Programming Teacher	**September 2009 – June 2010**

SELECT ACCOMPLISHED MOOCS	• *Coursera*: Human-Computer Interaction, Web Intelligence and Big Data, Intro to Data Science, Model Thinking, Game Theory, Social Network Analysis, Gamification, Intro to Psychology as a Science, Intro to Arts: Concepts & Techniques, Image and Video Processing • *edX*: Learning from Data, Engineering Software as a Service
HONORS AND AWARDS	International Tuition Award, University of British Columbia, Vancouver, 2013-2015. Acclaimed as one of the top teaching assistants rated by students, Tehran, 2013. Exemption from graduate university entrance exam because of high GPA, Tehran, 2012. Membership of Exceptional Talents Association for high rank in national university entrance exam, Tehran, 2008.
PUBLICATIONS	[3] H. Khayami, M. Ghasemi, K. Ardekani, B. Maham, W. Saad, "Cognitive Radio Ad Hoc Networks for Smart Grid Communications: A Disaster Management Approach", *Proceedings of the IEEE/CIC International Conference on Communications in China (ICCC), invited paper, Xian, China, Aug. 2013.* [2] H. Morsali, S. M. Shekarabi, K. Ardekani, H. Khayami, A. Fereidunian, M. Ghassemian, H. Lesani, "Smart Plugs for Building Energy Management Systems", *Proceedings of the 2012 2nd Iranian Conference on Smart Grids, May 24-25, Tehran, Iran.* [1] K. Ardekani, A. Ardekani, "An IT-based System to Facilitate Architectural Design", *Proceedings of the 9th International Conference on Information Technology: New Generations, pp. 522-527, April 16-18, Las Vegas, NV.*
PROFESSIONAL SERVICE	• *IranOpen 2012 & 2013 RoboCup competitions:* member of Junior Soccer League technical commitee, April 2012, April 2013. • *Department of Computer Science at UBC*: representative of the UBC CS Graduate Student Society in the Program Experience Committee.
SKILLS AND EXTRA-CURRICULAR ACTIVITIES	• *Programming:* C/C++, Python, Ruby on Rails, Java, Javascript, MATLAB, R, HTML & CSS • *Microprocessors:* AVR Microcontrollers, TI DSPs, Codevision AVR, Code Composer Studio • *Languages:* English(fluent), Farsi(native), Arabic(elementary) • *Music:* Player of classical and electric guitar • *Other:* Game design
REFERENCES	*Available upon request.*