Delaram Yazdansepas

Personal Data

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Education

2012 - 2017 Ph.D. in COMPUTER SCIENCE, **University of Georgia**, USA
Dissertation: "Towards Robust & Real-time Human Activity Recognition Using Wearable Sensors"
Advisor: Prof. Lakshmish RAMASWAMY

2007 - 2011 B.Sc. in COMPUTER ENGINEERING, **Qazvin Azad University**, IRAN
Project: "Harmony Search Algorithm in Optimization of Wireless Sensor Networks"
Advisor: Dr. T. HAGHIGHAT

Work Experience

August 2020
CURRENT | Assistant Professor
Department of Computer Science
Loyola Marymount University

2017-2020 | Lecturer
Department of Computer Science
The University of Georgia

2014-2017 | Assistant Data Manager
National Park Service

SUMMER 2014 | Summer Intern at SOUTH EAST COAST NETWORK
National Park Service

2012 -2014 | Graduate Teaching Assistant
University of Georgia

2011-2012 | Web Developer and UX Designer - R&D Division
Persian Switch

Membership & Service

1 UGA ABET Assessment Committee Member and Curriculum Committee Member
2 Program Committee member of The 4th Open Science in Big Data Workshop (OSBD 2019)
3 External reviewer of IEEE BigData'16, CoopIS'15, IEEE IRI'14
4 Faculty Sponsor for the UGA ACM-W Student chapter
5 UGA Academic Honesty Student Council Member
6 National Center for Women & IT (NCWIT) Academic Alliance Member
7 ACM and SIGCSE Professional Member
8 Undergrad/Grad mentorship support in DIPS Lab, University of Georgia

Teaching Experience

2020	CSCI 4800/6800, "Human-Computer Interaction" (graduate and undergraduate level)
2020	CSCI 2610, "Discrete Mathematics" (undergraduate level)
2020	CSCI 1360, "Foundations of Data Informatics"
2019	Instructor, "Carter's Data Analysts' Development Program"
	(Terry College of Business Executive Education, University of Georgia)
2019	CSCI 1360E, "Foundations of Data Informatics" (Online version)
2019	CSCI 4800/6800, "Human-Computer Interaction" (graduate and undergraduate level)
2019	CSCI 2610, "Discrete Mathematics" (undergraduate level)
2018	CSCI 4800/6800, "Human-Computer Interaction" (graduate and undergraduate level)
2018	CSCI 2610, "Discrete Mathematics" (undergraduate level)
2018	CSCI 1360, "Foundations of Data Informatics"
2017	CSCI 2610, "Discrete Mathematics" (undergraduate level)
2017	CSCI 1301, "Introduction to Programming" (undergraduate level, large section)
2014	Instructor of Record, "Discrete Mathematics" (undergraduate level)
2013	Teaching Assistant, "Computer Architecture" (graduate level)
2013	Lab Instructor, "Intro to Personal Computing" (undergraduate level)
2012	Lab Instructor, "Intro to Personal Computing" (undergraduate level)
2012	Teaching Assistant, "Human Computer Interaction" (graduate and undergraduate level)

Professional Development

MAY 2019	**Department and Leadership Teams for Action**
	Also known as DeLTA. Part of the coordination team to design educational experiences to achieve clear and measurable learning outcomes and base education decisions on evidence
MAY 2018	**CTL Summer Active Learning Institute**
	Part of a selected group of faculty at UGA to redesign courses and implement evidence-based instructional strategies that engage students in the learning process
FEB 2018	**CRA-E Professional Development Workshop for Teaching-Track Faculty**
	Focus on strategizing involvement in departmental as well as research activities, scholarship and leadership activities to pursue, and best practices for success, promotion, and advancement
MARCH 2017	**CRA-W Early Career Mentoring Workshop**
	Designed for graduate students in the final stages of their Ph.D. program with focus on building successful academic careers in teaching at 4-year universities or colleges.

PUBLICATIONS

P10 M. E. Cotterell, **D. Yazdansepas**, B. J. Barnes. "Improving Student Sentiment of Active Learning in CS",Extended Abstract: Poster. In Proceedings of the 2020 ACM Conference on Computing Education Research (ICER'20). Virtual Event, Dunedin, New Zealand, August 2020. ACM.

P9 N. Hashemi, S. Voghoei, **D. Yazdansepas** . "How Personalized Feedback Emails Can Enhance Participation Rate in Online Courses", Proceedings of the 51st ACM Technical Symposium on Computer Science Education (SIGCSE'20). Portland, OR, USA, March 2020

P8 M. E. Cotterell, **D. Yazdansepas**, B. J. Barnes. "Active Learning in CS2 & Discrete Mathematics", Proceedings of the 51st ACM Technical Symposium on Computer Science Education (SIGCSE'20). Portland, OR, USA, March 2020

P7 S. Voghoei, N. Hashemi, **D. Yazdansepas**, J. Byars, J. Wallace, H. Arabnia "University Online Courses: Correlation between Students' Participation Rate and Academic Performance", International Conference on Computational Science and Computational Intelligence CSCI'19, Las Vegas, Nevada, December 2019

P6 **D. Yazdansepas**, N. Saroha, L. Ramaswamy, K. Rasheed "Towards Efficient & Real-time Human Activity Recognition using Wearable Sensors: A Shapelet-based Pattern Matching Approach", 13th EAI International Conference on Body Area Networks BODYNETS'18, Oulu, Finland, October 2018

P5 A. Niazi, **D. Yazdansepas**, J. Gay, F. Maier, L. Ramaswamy, K. Rasheed, M. Buman "Statistical Analysis of Window Sizes and Sampling Rates in Human Activity Recognition", Proceedings of International Conference on Health Informatics HEALTHINF'17, Porto, Portugal, February 2017

P4 A. Niazi, **D. Yazdansepas**, J.Gay, F. Maier, L. Ramaswamy, K. Rasheed, M. Buman "A Hierarchical Meta-Classifier for Human Activity Recognition", International Conference on Machine Learning and Applications ICMLA'16, Anaheim, CA, December 2016

P3 **D. Yazdansepas**, A. Niazi, J. Gay, F. Maier, L. Ramaswamy, K. Rasheed, M. Buman "A Multi-featured Approach for Wearable Sensor-Based Human Activity Recognition", Proceedings of IEEE International Conference on Healthcare Informatics ICHI'16, Chicago Illinois, October 2016

P2 A. Basharat, **D. Yazdansepas**, K. Rasheed, "Comparative Study of Verse Similarity for Multi-lingual Representations of the Qur'an", Proceedings on the International Conference on Artificial Intelligence (ICAI), Las Vegas, Nevada, July 2015

P1 **D. Yazdansepas** and M. Nami, "Multi-Agent Systems: A Survey", Proceedings of International Conference on Parallel and Distributed Processing Techniques and Applications, (PDPTA), Las Vegas, Nevada, July 2010.

TECHNICAL REPORT

T3 **D. Yazdansepas**, "Towards Robust & Real-time Human Activity Recognition Using Wearable Sensors" Doctoral Dissertation (Ph.D. in CS Degree), December 2017. pp. 1-148. Department of Computer Science, University of Georgia, Athens, GA, USA. Advisor: Lakshmish Ramaswamy

T2 W. Wright and **D. Yazdansepas**, "Fixed-station water-quality monitoring at Cumberland Island National Seashore: 2005 through 2009 data summary." Natural Resource Data Series NPS/SECN/NRDS—2015/807. National Park Service, Fort Collins, Colorado.

T1 W. Wright and **D. Yazdansepas**, " Fixed-station water-quality monitoring at Cape Hatteras National Seashore: 2005–2009 data summary" Natural Resource Data Series NPS/SECN/NRDS—2015/799. National Park Service, Fort Collins, Colorado.

Poster Presentations

w7 "Improving Student Sentiment of Active Learning in CS"
, ICER '20, Virtual Event, New Zealand, August 2020
w6 "Active Learning in CS2 & Discrete Mathematics"
, SIGCSE'20. Portland, OR, USA, March 2020
w5 "Personalized Feedback Emails: Enhance Participation Rate in Online Courses""
, SIGCSE'20. Portland, OR, USA, March 2020
w4 "Wearable Sensor-based Human Activity Recognition"
, IEEE ICHI Doctoral Consortium, Chicago Oct. 2016
w3 "HAR Classification System by Extracting Wavelet Transform Features",
BCB Workshop on Big Data in Life Sciences, Atlanta Sep. 2015
w2 "Human Activity Recognition Systems Using Smart Phone Sensors",
UBICOMP broadening participation workshop, Seattle Sep 2014
w1 "Accelerometer Mapping Method for Mobile-based Fall Detection Systems",
CRA-W Grad Cohort, Santa Clara April 2014

Invited Talks & Guest Lectures

Nov 2019 Panel Discussion: Course (re)design and adjacent design implementation, strategies and challenges, Center for Teaching and Learning
Oct 2019 Graduate Teaching Assistant Seminar: Strategies and resources to adjust international TA's to the university system, Computer Science Department
Oct 2018 Design Thinking for existing entrepreneurial case studies ENTR 5500/7500: Introduction to Entrepreneurship, Terry College of Business
Oct 2018 Graduate Teaching Assistant Seminar: Strategies and resources to adjust new TA's to the university system, Computer Science Department
Aug 2018 International TA Orientation: Key teaching assistant policies for international TAs and provide resources related to successful teaching and learning practices
Oct 2017 Graduate Teaching Assistant Seminar: Panel discussion of challenges of teaching as an international in a foreign country, a different language and a different educational environment and culture. Computer Science Department
Aug 2017 International TA Orientation: Key teaching assistant policies for international TAs and provide resources related to successful teaching and learning practices
Nov 2016 Technology in Classroom Workshop: Techniques and resources for efficient use of technological tools effective for college classroom, UGA

Honors & Awards

Nov 2019 Recognized for significant influence on student career development based on student feedback by the Career Center at UGA
April 2019 Faculty mentor of UGA CS team, winner of "Best Visualization" at the American Statistics Association DataFest, Emory University
May 2018 Selected Faculty Participant of the Active Learning Summer Institute Awarded by the Office of the President, UGA
May 2018 Outstanding Dissertation Award, Department of Computer Science, UGA
April 2017 Blue Key Honor Society Member, UGA
Oct 2016 Anita Borg Grace Hopper (GHC) Scholarship, Houston, TX
April 2015 E-Hub Accelerator Pitch Winner, Terry Collage of Business, UGA
Feb 2015 Thinc-a-Thon First Place Award, Thinc at UGA
April 2014 Best Poster Award in CS Research Day, Computer Science department, UGA