

Emerson A. Azarbakht

CONTACT INFORMATION	(347) 276-0790 azarbaam@eecs.oregonstate.edu http://github.com/azarbakht http://linkedin.com/in/azarbakht http://eecs.oregonstate.edu/people/azarbakht		3048 Kelley Engineering Center Corvallis, OR 97330
EDUCATION	Ph.D., Computer Science (2011-present) <i>Oregon State University</i> , Corvallis, OR USA Thesis Title: Temporal Analysis and Visualization of Dynamic Collaboration Graphs of Open Source Software Development Community Forking — Advisor: Prof. Carlos Jensen M.S., Computer Science (2009-2011) <i>Chalmers University of Technology</i> , Gothenburg Sweden M.S. Thesis: An Evolutionary Algorithm for Computer-Generated Music Ranking B.S., Computer Engineering (2004-2008) <i>Azad University of Central Tehran</i> , Tehran Iran		
PROFESSIONAL SKILLS	Programming: Java (expert), Python (proficient), C (proficient), MATLAB (expert), C++ (prior experience), Bash (proficient) Databases: SQL, Hive, Neo4j Graph Databases, Cypher Tools: Git, Hadoop, Gephi, L ^A T _E X Statistical Analysis: R (expert) Platforms: Linux/Unix		
RESEARCH EXPERIENCE	Software Engineering & HCI Lab Research Assistant (2012-present) 3048 EECS Department, Oregon State University <i>Research on social dynamics of open source software development</i> Computer Vision Lab Research Assistant (2011-2012) 2126 EECS Department, Oregon State University <i>Research on activity recognition in videos</i>		
TEACHING EXPERIENCE	User Experience (UX) Instructor Electrical Engineering & Computer Science Department <i>Summer 2014, Fall 2014, Winter 2015</i> Oregon State University <i>Spring 2015, Summer 2015</i> Data Structures Teaching Assistant Electrical Engineering & Computer Science Department <i>Fall 2012, Winter 2012, Fall 2013,</i> Oregon State University <i>Spring 2013, Spring 2014</i>		
PUBLICATIONS	<ul style="list-style-type: none">Azarbakht, A. and C. Jensen, “Drawing the Big Picture: Temporal Visualization of Dynamic Collaboration Graphs of OSS Software Forks,” <i>Proc. 10th Int’l. Conf. Open Source Systems</i>, 2014.Azarbakht, A. and C. Jensen, “Temporal Visualization of Dynamic Collaboration Graphs of OSS Software Forks,” <i>Proc. Int’l. Network for Social Network Analysis Sunbelt conf.</i>, 2014.Azarbakht, A., “Drawing the Big Picture: Analyzing FLOSS Collaboration with Temporal Social Network Analysis,” <i>Proc. 9th Int’l. Symp. Open Collaboration</i>, 2013.Azarbakht, A. and C. Jensen, “Analyzing FOSS Collaboration & Social Dynamics with Temporal Social Networks,” <i>Proc. 9th Int’l. Conf. Open Source Systems Doct. Cons.</i>, 2013.Davidson, J, R. Naik, A. Mannan, A. Azarbakht, C. Jensen, “Investigating Older Adults’ Experiences with Contributing to Free/Open Source Software,” <i>Proc. IEEE Symp. Visual Languages and Human-Centric Computing</i>, 2014.Azarbakht, A., “Temporal Visualization of Collaborative Software Development in FOSS Forks,” <i>Proc. IEEE Symp. Visual Languages and Human-Centric Computing</i>, 2014.		
GRADUATE COURSEWORK	<ul style="list-style-type: none">Machine LearningArtificial IntelligenceStochastic OptimizationStatistical Methods of Data AnalysisTheory of Statistics I & IIComputer VisionAlgorithms & Data StructuresMobile & Cloud Software DevelopmentUnix Internals: FreeBSD Operating SystemQualitative & Quantitative Research Methods		
REFERENCES	Available upon request		