

Emerson A. Azarbakht

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NATIONALITY	Canadian permanent resident, Iranian citizen	
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 Forks — Ph.D. 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: MATLAB, Java, Python, C, C++, Bash Databases: SQL, Hive, Neo4j Graph Databases, Cypher Tools: Git, Hadoop, Gephi, L ^A T _E X Statistical Analysis: R Platforms: Linux/Unix	
RESEARCH EXPERIENCE	Open Source Research and HCI Lab 3048 EECS Department, Oregon State University <i>Research on social dynamics of open source software development</i>	Research Assistant (2012-present)
	Computer Vision Lab 2126 EECS Department, Oregon State University <i>Research on activity recognition in videos</i>	Research Assistant (2011-2012)
TEACHING EXPERIENCE	Interaction Design Electrical Engineering & Computer Science Department Oregon State University	Instructor <i>Summer 2014, Fall 2014, Winter 2015 Spring 2015, Summer 2015</i>
	C Programming & Data Structures Electrical Engineering & Computer Science Department Oregon State University	Teaching Assistant <i>Fall 2012, Winter 2012, Fall 2013, 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 Learning• Artificial Intelligence• Stochastic Optimization• Statistical Methods of Data Analysis• Theory of Statistics I & II• Computer Vision• Algorithms & Data Structures• Mobile & Cloud Software Development• Unix Internals: FreeBSD Operating System• Qualitative & Quantitative Research Methods	
REFERENCES	Available upon request	