

Emerson A. Azarbakht

CONTACT INFO	(347) 276-0790 azarbaka@oregonstate.edu Linkedin.com/in/azarbakht Github.com/azarbakht		San Francisco, CA 94134
SPECIALTY	Research Scientist Skilled in Statistics, Machine Learning, & User Experience Design		
NATIONALITY	Canadian Permanent Resident, Eligible to work in the U.S.		
EDUCATION	Ph.D., Computer Science, <i>Oregon State University</i> 2011-2016 <i>Longitudinal analysis & statistical modeling of collaboration graphs of software development</i> M.S., Computer Science, <i>Chalmers University of Technology</i>, Sweden 2009-2011 B.S., Computer Engineering, <i>Azad University of Tehran</i> 2004-2008		
SKILLS	Programming: Java (expert), Python (proficient), R (expert), MATLAB (expert), C (proficient), C++ (prior experience), Bash (prior experience) Statistical Analysis: R (expert) Database: SQL , Hive , Neo4j Tools: Git , Hadoop , Gephi , L^AT_EX , Linux		
EXPERIENCE	Research Assistant, School of Computer Science, Oregon State University 2011-present <i>Software Engineering, Usability & Programming Languages Lab</i> I developed statistical models for changing social networks. (Think how <i>your LinkedIn</i> network has changed over time & what that says about you & your workplaces.) Instructor, School of Computer Science, Oregon State University 2014-2016 <i>User Experience Design (CS 352)</i> I helped 880 post-baccalaureate students learn user experience skills, to switch into CS careers. Teaching Assistant, School of Computer Science, Oregon State University 2012-2014 <i>Data Structures (CS 261)</i> I wrote shell scripts to automate compilation, runtime and grading & helped students debug C code.		
PUBLICATIONS	<ul style="list-style-type: none">Azarbakht, E. A., "Longitudinal Analysis of Collaboration Graphs of Forked Open Source Software Development Projects Using An Actor-oriented Social Network Analysis," <i>Proc. Int'l. Net. for Social Net. Analysis conf.</i>, 2016.Azarbakht, E. A., "Longitudinal Analysis of Collaboration Graphs of Forked Open Source Software Development Projects," <i>Proc. 12th Int'l. Conf. Open Source Systems Doct. Cons.</i>, 2016.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.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.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.		
GRADUATE COURSES	<ul style="list-style-type: none">Machine LearningTime Series AnalysisStatistical Methods of Data AnalysisTheory of Statistics I & IIStochastic OptimizationComputer VisionArtificial IntelligenceAlgorithms & Data StructuresMobile & Cloud Software DevelopmentQualitative & Quantitative Research Methods		