

Emerson A. Azarbakht

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EDUCATION

Ph.D. in Computer Science

Oregon State University

2011-present

- Temporal Analysis and Visualization of Dynamic Collaboration Graphs of Open Source Software Developer Communities' Forks

M.S. in Intelligent Systems Design

Chalmers University of Technology

2009-2011

- Human-Computer Interaction (HCI) & Artificial Intelligence (AI)

B.S. in Computer Engineering

Free University of Tehran

2004-2008

SKILLS

MATLAB, R programming, SQL, Social Network Analysis, Gephi, L^AT_EX, Linux, Java, Python, User Experience (UX) Design, Android Development

PUBLICATIONS

- Azarbakht, A. and C. Jensen, "Drawing the Big Picture: Temporal Visualization of Dynamic Collaboration Graphs of OSS Software Forks," in *Proceedings of the 10th International Conference on Open Source Systems (OSS 2014)*, San Jose, Costa Rica, 2014.
- Azarbakht, A. and C. Jensen, "Temporal Visualization of Dynamic Collaboration Graphs of OSS Software Forks," in *Proceedings of the International Network for Social Network Analysis (INSNA) Sunbelt XXXIV conference*, St. Pete Beach, FL, USA, 2014.
- Azarbakht, A., "Drawing the Big Picture: Analyzing FLOSS Collaboration with Temporal Social Network Analysis," in *Proceedings of the 9th International Symposium on Open Collaboration (WikiSym + OpenSym 2013)*. ACM, 2013.
- Azarbakht, A. and C. Jensen, "Analyzing FOSS Collaboration & Social Dynamics with Temporal Social Networks," in *Proceedings of the 9th International Conference on Open Source Systems (OSS 2013) Doctoral Consortium*, Koper Capodistria, Slovenia, 2013.
- Davidson, J, R. Naik, A. Mannan, A. Azarbakht, C. Jensen, "Investigating Older Adults' Experiences with Contributing to Free/Open Source Software," in *Proceedings of the IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC 2014)*, Melbourne, Australia, 2014.

TEACHING

- Instructor *Oregon State University*, *Fall/Summer 2014*
Usability Engineering (CS 352): I helped 180 post-baccalaureate students learn User Interface and UX design, to switch into CS careers
- Teaching Assistant *Oregon State University*, *Fall/Winter 2012, Fall/Spring 2013, Spring 2014*
Data Structures (CS 261): I helped CS major sophomores learn C programming, by teaching recitations and helping them debug code. I graded 2,300 C programs.

FAVORITE COURSES

- Machine Learning (CS534)

- Statistical Methods of Data Analysis (ST511)
- Theory of Statistics I (ST561)
- Theory of Statistics II (ST562)
- Information Visualization (CS519)
- Mobile & Cloud Software Development (CS569)
- HCI meets Software Development: The Case Study (CS569)
- Qualitative & Quantitative Research Methods
- Open Source Software Development (CS519)
- Unix Internals: FreeBSD Operating System
- Artificial Intelligence I
- Artificial Intelligence II (Stochastic Optimization)
- Ubiquitous Computing
- Physical Computing
- Algorithms & Data Structures (CS515)
- Computer Vision (CS556)

VOLUNTEER WORK

- Orientation leader for 20+ exchange & international students. *Chalmers University's International Reception Committee. Sweden, 2011*
- Representative of computer engineering students in the Student Union *2005-2006*
- Elected Head of the association of computer engineering students. *2006-2007*
- Elected Steward for the Coalition of Graduate Employees (CGE). *2012-present*

MEMBERSHIPS

- ASSOCIATION FOR COMPUTING MACHINERY (ACM)
- AMERICAN FEDERATION OF TEACHERS (AFT)
- National Iranian-American Council (NIAC)
- Chalmers Dance Society (I dance salsa)
- OSU Tennis Club