

Pooyan Ehsani

Department of Information Systems Engineering
Concordia University
Montreal, Canada

Cell Phone:(514)562 51 27
p_ehsan@encs.concordia.ca

- RESEARCH INTERESTS
- ◇ Machine Learning
 - ◇ Data Mining
 - ◇ Optimization
 - ◇ Graph Theory and Game Theory
 - ◇ Social Networks Analysis
- EDUCATION
- ◇ **M.A.Sc in Quality Systems Engineering** 2017 - *present*
Information Systems Engineering Department, Concordia University, Montreal, Canada.
Under the Supervision of Professor Yu.
 - ◇ **B.Sc in Mathematics** 2011 - 2016
Mathematics Department, University of Tehran, Tehran, Iran.
 - ◇ **Diploma in Physics and Mathematics Discipline** 2004 - 2010
Member of the National Organization for Development of Exceptional Talents (NODET), Attended the Karaj Shahid Soltani High and Middle Schools, each after a nationwide contest.
- HONORS AND AWARDS
- ◇ **Concordia University International Tuition Award of Excellence** **20,422 CAD**
Concordia University, Jan 2017
 - ◇ **Ranked 17th in Learning Social Circles in Networks Competition**
Kaggle, Oct 2014
 - ◇ **21th Place in Nationwide M.Sc. Entrance Exam in Computer Science**
Tehran, Iran, Spring 2016
 - ◇ **Member of National Organization for Development of Exceptional Talents (NODET)**
2004 - 2010
- PUBLICATIONS
- ◇ **Merits of ridesharing**
Joint work with J.Y.Yu .
Proceedings of the 55th Annual Allerton Conference on Communication, Control, and Computing
 - ◇ **Inferring Social Circles in Online Networks via a Hybrid Approach**
Joint work with Z. Abbasi, S. Abbasi-Zadeh, H. Yami, V. Mirrokni, and A. Shameli.
 - ◇ **A New Upper Bound on Domination Number of Bipartite Graphs**
Joint work with S. Akbari, H. Yami, and A. Shameli.
Submitted to the Journal of Discrete Optimization.
- RESEARCH EXPERIENCE
- ◇ **Keynote Speaker**
The First IPM Conference on Theoretical Aspects of Computer Science (IPM-TACS), Winter 2012
 - ◇ **Member of Social Neuroscience Research Group** supervised by MD. Amirhossein Memari (**October 2011 - June 2012**).
Sport Psychology Research center, Tehran University of Medical Science, Tehran, Iran.
Working on human behavior and cognitive processes underlying Moral, Strategic and Risky Decision Making.

- TEACHING EXPERIENCE
- ◇ **Teaching Assistant, Concordia University**
 - Introduction to Theoretical Computer Science (**COMP 335**), Winter 2017, Prof. G.Grahne
 - ◇ **Teaching Assistant, University of Tehran**
 - Graph Theory, Spring 2015, prof. M. Mohammad-Noori
 - Discrete Mathematics, Fall 2015, prof. M. Mohammad-Noori
 - Discrete Mathematics, Spring 2015, Pof. S.A. Seyed-Fakhari
 - ◇ **Teaching Special Topics in Mathematics, 2010-2014**
 - Teaching More Than 1000 Hours Special Topics in Mathematics to High School Students who Wanted to Prepare for Olympiad in Informatics. Teaching Material Included Discrete Mathematics, Algorithms, Graph Theory, Combinatorics, and Problem Solving Strategies.
- SKILLS
- ◇ **Programming:** Proficient C/C++, Java and Python. Familiar with Matlab and R.
 - ◇ **language:** Persian (native), English (fluent).