# Yasin Orouskhani

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## SKILLS

### MACHINE LEARNING
Classical Machine Learning
Deep Learning
Big Data
Hadoop and Spark
Scikit-learn
Tensorflow and keras

### SOFTWARE ENGINEERING
Software Architecture
Software Design
Software Development

### PROGRAMMING
Java (Spring), Python (Django), C++ and Matlab
JavaScript (React js), HTML, and CSS
SQL (MySQL and OracleDB)
No-SQL (MongoDB)

### OTHER
Git
Linux
Teaching

## EDUCATION

### MS, ARTIFICIAL INTELLIGENCE
SHARIF UNIVERSITY OF TECHNOLOGY
September 2013 | Tehran, Iran
Thesis: Optmizing Dynamcal Network Structure for Pinning Control

### BS, SOFTWARE ENGINEER
SHARIF UNIVERSITY OF TECHNOLOGY
September 2007 | Tehran, Iran

## LINKS

Google Scholar:// **Yasin Orouskhani**
LinkedIn:// **Yasin Orouskhani**

## INTERESTS

Social Network Analysis
Recommender Systems
Complex Dynamical Networks
Natural Language Processing

## PUBLICATIONS

- Mahdi Jalili, **Yasin Orouskhani**, , Milad Asgari, Nazanin Alipourfard, Matjaž Perc, **"Link Prediction in Multiplex Online Social Networks"**, Royal Society open science, Volume 4, Issue 2, The Royal Society, 2017

- **Yasin Orouskhani**, Mahdi Jalili, Xinghuo Yu, **"Optimizing Dynamical Network Structure for Pinning Control"**, Scientific Reports, Volume 6, Nature Publishing Group, 2016

- Maysam Orouskhani, Daming Shi, **Yasin Orouskhani**, **"Multi-objective Evolutionary Clustering with Complex Networks"**, Expert Systems with Applications, Pages 113916, Elsevier, 2020

- Maysam Orouskhani, **Yasin Orouskhani**, Mohammad Mansouri, Mohammad Teshnelab, **"A Novel Cat Swarm Optimization for Unconstrained Optimization Problems"**, International Journal of Information Technology and Computer Science, Volume 5, No. 11, Mecs Press, October 2013

## EXPERIENCE

### RAHNEMA COLLEGE  Sep 2020 – Current | Tehran, Iran

- **Chief Technology Officer**
  - having overall responsibility for managing our development team, defining various software projects including those based on machine learning and designing and developing them.
- **Training Coordinator**
  - Designing and coordinating technical bootcamps (Development and Machine Learning) for **Rahnema College**.

### RAHNEMA CO.
Feb 2016 – Sep 2020 | Tehran, Iran

- **Machine Learning Engineer**
  - Built **music recommender system** for **Beeptunes**, a startup of Rahnema Co, to provide and offer the appropriate songs to their users.
  - Define, design and implement a fraud detection system to find unwanted subscriptions in the business of Rahnema Co.
  - Define, design and implement a landing page recommender system to offer the suitable pages to the viewers and increase conversion rate based on the history of system and their users.
  - all the above items were implemented by Hadoop and Spark.

### SHARIF UNIVERSITY OF TECHNOLOGY
Sep 2012 – Sep 2015 | Tehran, Iran

- Teacher Assistant
  - **Head of Teaching Assistants for Complex Dynamical Networks course** (Spring 2015) for Prof. Mahdi Jalili
  - **Head of Teaching Assistants for Neural Networks and Fuzzy Systems course** (Fall 2014) for Prof. Mahdi Jalili

## HONORS AND AWARDS

- Finalists of KDD Cup 2016
  - Ranked **12nd** in **KDD Cup 2016**. Result can be find at **arXiv**.
- Won **CEC 2015 Competition on Dynamic Multi-objective Optimization**
  - Ranked **1st** in CEC 2015 Competition on Dynamic Multi-objective Optimization.