NILOOFAR ARAZKHANI

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EDUCATION

Sharif University of Technology   *2020-present*
PhD of Software Engineering

Amirkabir University of Technology *(Tehran Polytechnic)*   *2016-2019*
MSc of Software Engineering
Overall GPA: Distinction (4.0/4.0)

Amirkabir University of Technology *(Tehran Polytechnic)*   *2011-2015*
BSc of Computer Science
Overall GPA: Distinction (3.75/4.0)

EXPERIENCE

Sharif University   October 2020 - Present
Research Assistant   *Tehran, Iran*

· I am doing research about computational geometric algorithms

Snappfood   September 2019 - present
Front-End Programmer   *Penrith, NSW*

· SnappFood is the largest online food ordering and grocery shopping platforms in Iran. It's one of the most important subsidiaries of IIG Holding such as Snapp! largest ride-hailing app in the Middle East. It uses web-view tool in native application due to keep all the product stack in React.

Amirkabir University of Technology   January - July 2018
Research Assistant   *Tehran, Iran*

· Soft Computing Laboratory, Prof M.R. Meybodi

This laboratory was set up to facilitate research into soft computing with emphasis on the application of neural network, learning automata and genetic algorithms to real life problems.

I worked as researcher at this lab. My research focused on influence maximization on social network.

TECHNICAL STRENGTHS

Programming	C++ and Java Script, Python, Matlab, HTML and CSS
Website (coded)	HTML5 and CSS
Typesetting Document	Latex
Wireframe	Microsoft Powerpoint
Visual Design	Paint 3D, Adobe Photoshop, Canva
Languages	Persian(Native), English(Fluent), French(intermediate)

PUBLICATIONS

Conference Papers   2019
International conferences   *Tehran, Iran*

· N. Arazkhani, M. R. Meybodi, and A. Rezvanian, "Influence Blocking Maximization in Social Network Using Centrality measures," in 2019 *IEEE 5th International Conference on Knowledge-Based Engineering and Innovation (KBEI), 2019, pp. 1–6.*
· *N. Arazkhani, M. R. Meybodi, and A. Rezvanian, "An Efficient Algorithm for Influence Blocking Maximization based on Community Detection," in 2019* IEEE 5th International Conference on web research (ICWR), 2019, pp1–6.

RESEARCH INTERESTS

Machine Learning	Big Data, Data Mining
Social Network	Influence Maximization and Link Prediction
Algorithm	Computational Geometric

AWARDS AND HONORS

National Organization for Development of Exceptional Talents (Sampad)　　June 2004
High School　　*Qazvin, Iran*

· SAMPAD is an organization that recruits students for middle and high schools through a two-step set of exams at each level. The organization is aimed to provide a unique educational environment for the exceptionally talented students.

In the top 0.2 percent　　June 2011
National-wide University Entry Exam of Iran in Math and Physics　　*Tehran, Iran*

· among more than 450,000 participants in National-wide University Entry Exam of Iran in Math and Physics; consequently, recognized as Outstanding Student, 2011.

In the top 1 percent　　June 2016
Software Engineering Entrance Exam for master degree　　*Tehran, Iran*

· among more than 4000 participants in Software Engineering Entrance Exam for master degree.

14th place　　June 2020
Software Engineering Entrance Exam for PhD degree　　*Tehran, Iran*

· among more than 1000 participants in Software Engineering Entrance Exam for PhD degree.

In the 10 percent　　2015 and 2019
among all graduate students in Software Engineering field, 2019　　*Tehran, Iran*

· among more than 1000 participants in Software Engineering Entrance Exam for PhD degree.