

# NILOOFAR ARAZKHANI

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## EDUCATION

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**Sharif University of Technology(Rank 1st in Iran)** *2020-present*  
PhD of Software Engineering

**Amirkabir University of Technology(Rank 2nd in Iran) (Tehran Polytechnic)** *2016-2019*  
MSc of Software Engineering  
Overall GPA: Distinction (4.0/4.0)

**Amirkabir University of Technology(Rank 2nd in Iran) (Tehran Polytechnic)** *2011-2015*  
BSc of Computer Science  
Overall GPA: Distinction (3.75/4.0)

## EXPERIENCE

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**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

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

## PUBLICATIONS

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**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

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

## AWARDS AND HONORS

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**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.