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# Alireza Sadeghi-Nasab

Software PhD Candidate

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I'm a motivated and talented PhD student. My field, from the bachelor's until now, has been computer engineering majoring in software. I'm a hard-working student and very committed to deadlines. I'm constantly updating my knowledge by studying and learning. I'm also sharing my experiences and thoughts in this field on my blog. I love teaching and learning. I have a very constructive relationship with the industry and I see it as a complement to the progress in my educational path. I entered master via direct admission and won an award for the best article so far. Research areas that I work on and am highly interested about are data privacy preserving (anonymization), big data processing (especially stream data) and software engineering.

## SKILLS

<b>Programming Languages</b>	Swift, Python, Objective-C, SQL, Java, Scala, MATLAB, VHDL
<b>Tools</b>	Apache Flink, Qt, Git, CPN-Tools, Visual Paradigm, Prom, UPPAAL, ANTLR
<b>Industry Knowledge</b>	Research, Team Management, Software Development, Web Scraping
<b>Languages</b>	Persian, English (working proficiency), Azerbaijani Turkish (limited)

## EDUCATION

<b>PhD in Computer Engineering, Software, Arak University</b>	2020 — Present
<ul style="list-style-type: none"><li>Supervisor: Dr. Mohsen Rahmani</li><li>Thesis: To be Announced!</li></ul>	
<b>Master of Computer Engineering, Software, Iran University of Science &amp; Technology</b>	2018 — 2020
<ul style="list-style-type: none"><li>Supervisor: Dr. Mohammad Abdollahi Azgomi</li><li>Thesis: A Scalable and Utility-Based Technique for Big Data Stream Anonymization</li><li>Entered via direct admission (exceptional talents program)</li></ul>	
<b>Bachelor of Computer Engineering, Software, Iran University of Science &amp; Technology</b>	2014 — 2018
<ul style="list-style-type: none"><li>Supervisor: Dr. Mohammad Abdollahi Azgomi</li><li>Thesis: Study on Process Mining Techniques and Tools and Using it in Analysis of Security Logs</li></ul>	
<b>Diploma, Mathematics &amp; Physics, Allameh Helli (2) High School</b>	2010 — 2014
<ul style="list-style-type: none"><li>The high school is part of NODET (National Organization for Development of Exceptional Talents)</li></ul>	

## PUBLICATIONS

<b>Title: A New Fast Framework for Anonymizing IoT Stream Data</b>	2021
<ul style="list-style-type: none"><li>Alireza Sadeghi-Nasab, and Hossein Ghaffarian</li><li>5th International Conference on Internet of Things and Applications (IoT), Isfahan, Iran</li></ul>	
<b>Title: A Comprehensive Review on Broken Hashing Algorithms</b>	Under Review
<ul style="list-style-type: none"><li>Alireza Sadeghi-Nasab, and Vahid Rafe</li></ul>	
<b>Title: Proposing A New Fast and Robust Framework for Anonymizing IoT Data Streams Using Apache Flink</b>	Under Review
<ul style="list-style-type: none"><li>Alireza Sadeghi-Nasab, and Hossein Ghaffarian</li></ul>	
<b>Title: A Deep Incremental Learning Framework for Predicting Covid-19 by using Incoming Stream X-ray Images</b>	Under Review
<ul style="list-style-type: none"><li>Alireza Sadeghi-Nasab, and Mohammad-Hossein Shakoor</li></ul>	

## TECHNICAL EXPERIENCE

<b>Project Manager</b> <i>Gandom</i>	2019 — Present <i>Tehran, Iran</i>
<ul style="list-style-type: none"><li>Release multiple applications: AsaTrader, Agah Invest, Fastbourse and Agah Amouzesh.</li><li>Cooperation with Agah Group, the best and largest broker of Iran Stock Exchange.</li></ul>	
<b>iOS Developer</b> <i>Gandom</i>	2017 — 2019 <i>Tehran, Iran</i>
<ul style="list-style-type: none"><li>Develop multiple applications: AsaTrader, Fastbourse, Ayne Baghal and Arbaeen.</li><li>Cooperation with Agah Group, the best and largest broker of Iran Stock Exchange.</li></ul>	

## AWARDS

<b>Best Paper Award</b>	2021
<ul style="list-style-type: none"><li>Got best paper award for the paper entitled: A New Fast Framework for Anonymizing IoT Stream Data in 5th International Conference on Internet of Things and Its Application (IoT 2021) held at University of Isfahan.</li></ul>	

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## MSc. Direct Admission 2018

- Got direct admission from bachelor to master program in Iran University of Science & Technology (exceptional talents program).

## Best Mentor Award 2018

- Got best mentor award in Chillin Wars challenge which is an AI challenge held in Iran University of Science & Technology.

## BSc. Admission 2014

- Ranked 526th among more than 220,000 participants in National Entrance Exam of Universities (Konkour).

## National Olympiad Exam Admission 2012

- Got acceptance in the first stage of national Olympiad exam in chemistry, physics and literary fields.

## High School Education 2010-2014

- Got acceptance and study in Allameh Helli 2 high school which is part of NODET (National Organization for Development of Exceptional Talents)

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## ACTIVITIES

Chillin Wars (AI challenge) - Sponsorsip Collaboration	Winter 2020
Chillin Wars (AI challenge) - Head Mentor	Fall 2019
Yarigaran Sharif Club (Charity for child labourers) - Mathematics & Geometry Teacher	2018 — 2019
Chillin Wars (AI challenge) - Mentor	Fall 2018