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# Alireza Sadeghi-Nasab

Software PhD Candidate

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linkedin.com/in/alireza-sn

I'm a motivated and talented Ph.D. student. I'm a hard-working student and very committed to deadlines. I'm constantly updating my knowledge by studying and learning. I also share my experiences and thoughts in this field on my personal website. I love teaching and learning. I have a very constructive relationship with the industry and I see it as a complement to my educational path progress. 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>Soft Skills</b>	Communication, Problem-Solving, Team Work, Time Management, Leadership
<b>Programming Languages</b>	Swift, Python, Objective-C, SQL, Java, Scala, MATLAB, VHDL
<b>Industry Knowledge</b>	Research, Product Delivery, Team Management, Software Development/Testing, Web Scraping
<b>Tools</b>	Apache Flink, Qt, Git, CPN-Tools, Visual Paradigm, Prom, UPPAAL, ANTLR
<b>Languages</b>	Persian (Native), English (working proficiency), Azerbaijani Turkish (limited)

## EDUCATION

<b>PhD in Computer Engineering, Software, Arak University</b> <ul style="list-style-type: none"><li>Supervisor: Dr. Mohsen Rahmani</li><li>Thesis: To be Announced!</li></ul>	<b>2020 — Present</b>
<b>Master of Computer Engineering, Software, Iran University of Science &amp; Technology</b> <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>2018 — 2020</b>
<b>Bachelor of Computer Engineering, Software, Iran University of Science &amp; Technology</b> <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>2014 — 2018</b>
<b>Diploma, Mathematics &amp; Physics, Allameh Helli (2) High School</b> <ul style="list-style-type: none"><li>The high school is part of NODET (National Organization for Development of Exceptional Talents)</li></ul>	<b>2010 — 2014</b>

## PUBLICATIONS

<b>Title: A Comprehensive Review on Security Flaws of Hashing Algorithms</b> <ul style="list-style-type: none"><li>Alireza Sadeghi-Nasab, and Vahid Rafe</li><li>Journal of Computer Virology and Hacking Techniques, Springer</li></ul>	<b>2022</b>
<b>Title: A Deep Incremental Learning Framework for Predicting Covid-19 by using Incoming Stream X-ray Images</b> <ul style="list-style-type: none"><li>Alireza Sadeghi-Nasab, and Mohammad-Hossein Shakoor</li><li>7th International Conference on Technology Development in Iranian Electrical Engineering</li></ul>	<b>2022</b>
<b>Title: A New Fast Framework for Anonymizing IoT Stream Data</b> <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><li>won best paper award</li></ul>	<b>2021</b>
<b>Title: Fast Anonymizing IoT data stream Framework Using Apache Flink</b> <ul style="list-style-type: none"><li>Alireza Sadeghi-Nasab, and Hossein Ghaffarian</li><li>Journal of Intelligent Systems with Applications, Elsevier</li></ul>	<b>Under Review</b>

## TECHNICAL EXPERIENCE

<b>Project Manager, Full Time</b> <i>Gandom Software Group</i> <a href="#">[Link]</a>	<b>Feb 2019 — Present</b> <i>Tehran, Iran</i>
<ul style="list-style-type: none"><li>Collaborated with Asa Co. <a href="#">[Link]</a> and Agah broker <a href="#">[Link]</a>, one of the best and largest brokers in Iran stock exchange market</li><li>Responsible for all product delivery processes and participating in product discovery processes</li><li>Collaborated cross-functionally with product, engineering, design, test(QA) security, and support teams to identify and deliver new product solutions</li><li>Developed and executed detailed product roadmaps using Agile methodology</li><li>Released multiple applications: AsaTrader <a href="#">[Link]</a>, Agah Invest <a href="#">[Link]</a>, Fastbourse <a href="#">[Link]</a>, Agah Amouzesh <a href="#">[Link]</a>, and Banksa with a total of nearly 1.2M monthly active users</li></ul>	

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## iOS Developer, Full Time

Jul 2016 — Feb 2019

Gandom Software Group [\[Link\]](#)

Tehran, Iran

- Collaborated with Asa Co. [\[Link\]](#) and Agah broker [\[Link\]](#), one of the best and largest brokers in Iran stock exchange market
- Responsible for the development and maintenance of iOS platform applications
- Developed and executed detailed product roadmaps using Agile methodology
- Developed multiple applications: AsaTrader [\[Link\]](#), Fastbourse [\[Link\]](#), Ayne Baghal, and Arbaeen [\[Link\]](#) with a total of nearly 1M monthly active users

## AWARDS

### Best Paper Award

2021

- 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.

### 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)

## VOLUNTEERING ACTIVITIES

Practical Training of Working with Git Course [\[Link\]](#) - Content Producer

Spring 2021

Chillin Wars (AI challenge) [\[Link\]](#) - Sponsorship Collaboration

Winter 2020

Chillin Wars (AI challenge) [\[Link\]](#) - Head Mentor

Fall 2019

Yarigaran Sharif Club (Charity for child labourers) [\[Link\]](#) - Mathematics & Geometry Teacher

2018 — 2019

Chillin Wars (AI challenge) [\[Link\]](#) - Mentor

Fall 2018