Alireza Sadeghi-Nasab

PhD in Software

(+98) 922-6044272
Tehran, Iran
sadeghinasab.alireza@gmail.com

Website: alirezasn.ir
live:.cid.6d516334d353758e
linkedin.com/in/alireza-sn

As a prolific researcher with expertise in Big Data Processing, Privacy-Preserving and Software Engineering, I am seeking to join a dynamic research team that is at the forefront of cutting-edge research. My experience in industry and academia positions me to bring a unique perspective on innovative solutions that address critical and complex issues these fields. With an insatiable desire to ask, answer, and solve complex research problems, I am confident that I can make a valuable contribution to any research team.

SKILLS

Soft Skills	Communication, Problem-Solving, Team Work, Time Management, Leadership
Programming Languages	Python, Swift, Objective-C, SQL, Java, Scala, MATLAB, VHDL
Industry Knowledge	Research, Product Delivery, Team Management, Software Development/Testing, Web Scraping
Tools	Apache Flink, Qt, Git, CPN-Tools, Visual Paradigm, Prom, UPPAAL, ANTLR
Languages	Persian (Native), English (working proficiency), Azerbaijani Turkish (limited)

EDUCATION

PhD in Computer Engineering, Software, Arak University   **2020 — 2024**
- Supervisor: Dr. Mohsen Rahmani [Link]
- Thesis: Proposing an Anonymization Strategy Based on Relaxed Functional Dependencies
- Google Scholar Page: [Link]

Master of Computer Engineering, Software, Iran University of Science & Technology   **2018 — 2020**
- Supervisor: Dr. Mohammad Abdollahi Azgomi [Link]
- Thesis: A Scalable and Utility-Based Technique for Big Data Stream Anonymization
- Entered via direct admission (exceptional talents program)

Bachelor of Computer Engineering, Software, Iran University of Science & Technology   **2014 — 2018**
- Supervisor: Dr. Mohammad Abdollahi Azgomi [Link]
- Thesis: Study on Process Mining Techniques and Tools and Using it in Analysis of Security Logs

Diploma, Mathematics & Physics, Allameh Helli (2) High School   **2010 — 2014**
- The high school is part of NODET (National Organization for Development of Exceptional Talents)

PUBLICATIONS

Title: Optimizing data privacy: an RFD-based approach to anonymization strategy selection [Link]   **2024**
- Alireza Sadeghi-Nasab, and Mohsen Rahmani
- Journal of Supercomputing, Springer

Title: Apache Flink and clustering-based framework for fast anonymization of IoT stream data [Link]   **2023**
- Alireza Sadeghi-Nasab, Hossein Ghaffarian, and Mohsen Rahmani
- Journal of Intelligent Systems with Applications, Elsevier

Title: A Comprehensive Review on Security Flaws of Hashing Algorithms [Link]   **2022**
- Alireza Sadeghi-Nasab, and Vahid Rafe
- Journal of Computer Virology and Hacking Techniques, Springer

Title: A Deep Incremental Learning Framework for Predicting Covid-19 by using Incoming Stream X-ray Images [Link]   **2022**
- Alireza Sadeghi-Nasab, and Mohammad-Hossein Shakoor
- 7th International Conference on Technology Development in Iranian Electrical Engineering

Title: A New Fast Framework for Anonymizing IoT Stream Data [Link]   **2021**
- Alireza Sadeghi-Nasab, and Hossein Ghaffarian
- 5th International Conference on Internet of Things and Applications (IoT), Isfahan, Iran
- won best paper award

TECHNICAL EXPERIENCE

Product Manager, Full Time   **Feb 2024 — Present (1 year, 4 months)**
Gandom [Link]   *Tehran, Iran*
- Led the end-to-end UI/UX redesign of the AsaTrader application, overseeing user research, design collaboration, and development preparation to ensure a smooth upcoming release aligned with user needs and business objectives

(+98) 922-6044272
Tehran, Iran
sadeghinasab.alireza@gmail.com

Alireza Sadeghi-Nasab
PhD in Software

Website: alirezasn.ir
live:.cid.6d516334d353758e
linkedin.com/in/alireza-sn

Mid Product Owner, Full Time   Oct 2023 — Feb 2024 (5 months)
MyDigipay | Digikala Group [Link]   *Tehran, Iran*
- Managed product initiatives for the Credit Line (Loan & BNPL) team, directly impacting 65% of the company's revenue stream
- Spearheaded the Q4 roadmap process, leveraging a blended impact-effort and weighted scoring methodology to balance business needs with technical constraints
- Collaborated closely with Digikala, the biggest e-commerce platform in MENA, on the "Cheque Installment Sale" mega project, defining user stories, ensuring seamless alignment and successful execution

Product Owner, Full Time   Mar 2020 — Oct 2023 (3 years, 8 months)
Gandom [Link]   *Tehran, Iran*
- Collaborated with Asa Co. and Agah brokerage, one of the best (2nd place in the Federation of Euro-Asian Stock Exchanges (FEAS) Award 2021) and largest brokers (with nearly 7 million customers) in Iran stock exchange market
- Acted as the liaison cross-functionally with product, engineering, design, marketing, test (QA), security, and support teams to identify and deliver new product solutions, reducing the time-to-market for new product releases by 15%
- Performed quality assurance testing on product features, analyze feedback and user data, and create user stories to validate action plans and product enhancements, resulting in a 20% increase in user satisfaction
- Drove the development of product roadmaps in alignment with Agile methodologies, achieving 95% on-time delivery rate for product releases
- Released multiple applications: AsaTrader, Agah Invest, Fastbourse, Agah Amouzesh, and Banksa with a total of nearly 1.2M monthly active users

iOS Developer, Full Time   Jul 2016 — Mar 2020 (3 years, 9 months)
Gandom [Link]   *Tehran, Iran*
- Collaborated with Asa Co. [Link] and Agah broker [Link], one of the best and largest brokers in Iran stock exchange market
- Performed technical designs and implementation of 4+ iOS applications, achieving a 97% crash-free release rate
- Developed and executed product roadmaps using Agile methodology, reducing the number of post-release defects by 20%
- Released multiple applications: AsaTrader, Fastbourse, Ayne Baghal, and Arbaeen 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

- Curated and summarized 100+ product management courses in a public GitHub repository to support aspiring PMs with structured, self-paced learning resources [Link]   Spring 2025
- Practical Training of Working with Git Course (in Quera) [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