

# Arash Yadegari

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## Summary

I am passionate about Data science and Software Engineering and want to pursue a Data career in an international and dynamic team where I use my skills and see possibilities for continuous development.

- Master degree in Software Engineering, Bachelor degree in Information Technology Engineering
- More than 3 years experience in IT
- Experience with Python, SQL with various databases
- Experience with CI/CD practices and Agile working
- Eager to learn, Analytical thinker, Self-manager, Responsible

## Work Experiences

9/2018 – 2/2019 **Software Developer**, *Diaalog*, part-time job, Website Chatbot.

**Tech. Stack:** Python, Docker (Rancher), Flask, Mongo DB

**Responsibilities:** Backend development, CI/CD, documentation, algorithm design

**Some Contributions:**

- Changed the dialogue logic and provide a tree data structure in order to follow a dialogue
- Provided Unit tests for the backend to be run automatically in the build time
- Provided documentation for the backend endpoints
- Refactored backend to provide a consistent interface to the frontend with all required data

10/2017 – 5/2018 **Software Engineer**, *Amirkabir University ICT Research Center*, part-time job, Internet of Things Project.

**Tech. Stack:** Python, MQTT, Mongo DB, Postgre SQL, Github, Open Project

**Responsibilities:** Research and development, documentation

6/2014 – 6/2015 **Android Developer**, *6<sup>th</sup> Solution*, full-time job.

**Native Android Application Development**, Apps: UniqueWidget, Weather360

**Tech. Stack:** Java, Android, APIs, SQLite

**Responsibilities:** backend development, Agile methods

## Education

2019 – 2023 (expected) **Computer Science - PhD**, *University of Groningen, Netherlands*, Information Systems Group, Area: Business Process Management, Predictive Monitoring and Adaptation.

**Specialized Courses:** Process Aware Information Systems, Process Mining

2015 – 2018 **Software Engineering - Master of Science**, *Amirkabir University of Technology, Iran*, Final thesis: Author Clustering on Short Persian Texts, 17.19/20 (CGPA 3.63).

**Specialized Courses:** Text Mining, Advanced Topics in Information Retrieval and Web Search

2011 – 2015 **Information Technology Engineering - Bachelor of Science**, *Amirkabir University of Technology, Iran*, Final thesis: Text Similarity Measurement, 17.89/20 (CGPA 3.82).

**Specialized Courses:** Data Mining, Artificial Intelligence, Software Engineering

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## Technical & Soft Skills

<b>Programming</b>	Python, Java, JavaScript
<b>Data</b>	SQL, NoSQL, APIs (Flask/Django), Data Modeling
<b>Databases</b>	MySQL, MongoDB, SQL Server, PostgreSQL
<b>DevOps</b>	Git, Docker, Agile
<b>Data Analysis</b>	Jupyter Notebooks, Scikit-learn, Weka, Camunda, Apromore
<b>Concepts</b>	RDBMS, Machine Learning, CI/CD, Design Patterns, UML, Object Oriented
<b>Soft Skills</b>	Eager to learn, Research, Problem-solving, Flexibility, Time management, Communication

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## Languages

<b>English</b>	Full Professional Proficiency - C1
<b>Dutch</b>	Limited Working Proficiency - B1/B2
<b>German</b>	Limited Working Proficiency - B1/B2
<b>Persian</b>	Native Proficiency

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## Honors

- 2015 Offered direct admission to the graduate school of Computer Engineering and IT Department at Amirkabir University of Technology as a reward of academic records
- 2015 2<sup>nd</sup> GPA in Information Technology students of Amirkabir University of Technology
- 2014 10<sup>th</sup> rank in Iran's national olympiad of Computer Engineering
- 2014 Qualified in the Amirkabir's on-site ACM programming contest to Sharif University of Technology's ACM regional programming contest (team name: Gru)
- 2011 Being in top 1% in Iran's national university entree exam of mathematics and physics

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## Interests

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|------------------------|-------------|
| - Technology & AI      | - Traveling |
| - Personal Development | - Sports    |