

# Mahtab Sarlak

**Date of birth:** 23/07/1999 | **Nationality:** Iranian | **Gender:** Female | **Phone number:** (+98) 09128027923 (Mobile) | **Email address:** [sarlak3@gmail.com](mailto:sarlak3@gmail.com) | **Website:** <https://mahtabsarlak.github.io/> | **github:** <https://github.com/MahtabSarlak> | **LinkedIn:** <https://www.linkedin.com/in/mahtab-sarlak-10b275161>

## WORK EXPERIENCE

06/2023 – CURRENT Iran  
**BACK-END DEVELOPER** PASARGAD ELECTRONIC PAYMENT

Developing micro-services for payment applications  
**Technologies:**  
Java 11, Spring Boot, Spring, Hibernate, SOAP/REST APIs

11/2021 – 05/2023 Iran  
**FRONT-END DEVELOPER** IRAN TOURISM INFORMATION TECHNOLOGY

Developing payment-related products' UI - Digital banking project  
**Technologies:**  
React, Angular, Redux, Material-UI/Ant Design, Tailwind CSS, REST APIs, Nx Workspace

04/2020 – 05/2023 Iran  
**BACK-END DEVELOPER** IRAN TOURISM INFORMATION TECHNOLOGY

Developing micro-services for payment applications - Digital banking project  
**Technologies:**  
Java 11, Spring Boot, REST APIs, GRPC, Git, Maven, Message Brokers, Log4j2, Dropwizard, Lombok, Scrum, Mockito, Swagger, ELK Stack, Oracle, Redis, Docker

06/2014 – 02/2017 Iran  
**ENGLISH TEACHER** HERMES INSTITUTE

## EDUCATION AND TRAINING

2021 – 2023  
**MASTER OF COMPUTER ENGINEERING - ARTIFICIAL INTELLIGENCE AND ROBOTICS** Shahid Beheshti University

**Final grade** 18.59/20 | **Thesis** Personalized image tag refinement by leveraging knowledge graphs

2017 – 2021  
**BACHELOR OF SCIENCE IN COMPUTER ENGINEERING** Shahid Beheshti University

**Final grade** 18.64/20 | **Thesis** Vector Embedding of Persian Verbal Multiword Expressions

2013 – 2017  
**DIPLOMA IN MATHEMATICS AND PHYSICS** Farzanegan 7 High School

## ADDITIONAL INFORMATION

### SKILLS

#### Programming Languages

Java, JavaScript, Python

#### Frameworks and Libraries

Spring Boot, RESTful APIs, Hibernate  
React, Redux, Material-UI/Ant Design, Tailwind CSS, HTML/CSS/LESS  
PyTorch, Keras, Tensorflow

## Databases

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Oracle, Redis, PostgreSQL, MySQL

## Others

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Scrum, Git, Elasticsearch, Docker

## Languages

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Persian(Mother's tongue)  
English(IELTS 8.0)

## PUBLICATIONS

### Predicting Compositionality of Verbal Multiword Expressions in Persian – 2023

Mahtab Sarlak, Yalda Yarandi, and Mehrnosh Shamsfard

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Proceedings of the 19th Workshop on Multiword Expressions (MWE 2023)

Link <https://aclanthology.org/2023.mwe-1.5/>

## TEACHING ASSISTANT

09/2022 – 01/2023

**Machine Learning, Dr. Hamed Malek, Shahid Beheshti University**

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02/2021 – 06/2021

**Computer Vision, Dr Yaser Esmaeili Salehani, Shahid Beheshti University**

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02/2021 – 06/2021

**Compiler, Professor Ghassem Jaberipur, Sharif University of Technology**

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06/2019 – 09/2019

**Machine Learning, Dr. Hamed Malek, Shahid Beheshti University**

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