

Yalda Yarandi

Nationality: Iranian **Date of birth:** 22/09/1999 **Gender:** Female

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🌐 **Website:** <https://github.com/YarandiY>

EDUCATION AND TRAINING

Master of Information Technology

University of Tehran (#1 in Best Global Universities in Iran) [2021 – Current]

Website: <https://ut.ac.ir/en>

Field(s) of study: Natural Language Processing (NLP)

Thesis: Video Subtitle Translation System Using Deep Neural Network

Coursework includes AI programming, machine learning, natural language processing, and data mining.
Member of Natural Language and Text Processing Laboratory under the supervision of [Prof. Heshaam Faili](#)
Rewarded as a talent and elite student

Bachelor of Science in Computer Engineering

Shahid Beheshti University [2017 – 2021]

Website: <https://en.sbu.ac.ir/>

Final grade: 18.13/20 (ranked in top 10%)

Thesis: Identification Verbal Multiword Expression in Persian Documents

Member of Natural Language Processing laboratory under the supervision of [Prof. Mehrnoush Shamsfard](#)

Diploma in Mathematics and Physics

Farzanegan 2 (Affiliated with the National Organization for the Development of Exceptional Talents) [2013 – 2017]

WORK EXPERIENCE

Front-End Developer

Iran Tourism Information Technology [09/2021 – 03/2023]

Designed and developed user interfaces for a Digital banking project using React.js and Angular.
Implemented Redux for state management and optimized the application's performance using lazy loading and code splitting.

Collaborated with the design team to ensure a consistent user experience and adherence to design guidelines.

Technologies: React, Angular, Redux, Material-UI/Ant Design, Tailwind CSS, REST APIs

Back-End Developer

Iran Tourism Information Technology [04/2020 – 06/2021]

Designed and developed RESTful APIs for a web-based platform using Java and Spring.
Implemented JWT authentication and websocket communication to improve security and user experience.
Worked closely with the frontend team to integrate APIs and ensure smooth data exchange between the frontend and backend.

Technologies: Java 11, Spring Boot, REST APIs, GRPC, Git, Maven, Message Brokers, Log4j2, Dropwizard, Lombok, Scrum, Mockito, Swagger, ELK Stack, Oracle, Redis

Software Engineer Intern

Rahnema Co. [06/2019 – 09/2019]

During my three-month Software Engineer Internship, I worked alongside Senior Software Developers to build a mobile auction application from scratch. The first month was dedicated to learning essential design software skills, after which we began development using a stack that included React Native, Java Spring Boot, RESTful APIs, Websockets, MongoDB, MySQL, and Nginx. In addition to technical training, the internship also included workshops on teamwork, project management, and workplace ethics. Overall, this experience gave me a comprehensive understanding of the development process and allowed me to contribute to a real-world project.

Back-End Developer Intern

Bisphone Co. [09/2018 – 11/2018]

As a back-end developer intern, I gained a foundational understanding of web services and software implementation using Scala. I learned about web protocols, microservices, protocol buffers, and Git.

PUBLICATIONS

Predicting Compositionality of Verbal Multiword Expressions in Persian

[2023]

DIGITAL SKILLS

Programming languages

Java / JavaScript / Python

Frameworks and libraries

Spring / React.js / Angular / Slurm Script / Material Design / Messaging systems: Pub/Sub, MQTT, WebSocket, RabbitMQ / Tailwind css

Databases

MySQL / PostgreSQL / MongoDB / Oracle / Redis

AI programming

TensorFlow / PyTorch / NLTK / Keras / Machine Learning and Deep Learning Algorithms / State-of-the-art AI and NLP algorithms

Other

Scrum, Git, Design Patterns

RESEARCH EXPERIENCE

Persian Multiword Expressions(MWEs) - Under Preparation Expanded Farsi PARSEME(PARSing and Multi-word Expressions) corpus.

Under supervision of [Professor Shamsfard](#), NLP Lab, Shahid Beheshti University, [Professor Savary](#), LISN Laboratoire, Paris-Saclay University, [Professor Ramisch](#), LIS-TALEP Laboratoire, Aix-Marseille University,

HONOURS AND AWARDS

Ranked first for the Master internship entitled "How well can deep learning algorithms generalize over unseen data: A case study in multiword expression identification".

Université Paris-Saclay [12/2021]

Granted admission from Talented Student Office of University of Tehran for Master of Information Technology

[2021]

Ranked 8th in JavaCup Professional Developer

[2020]

Ranked 8th in JavaCup Professional Developer which focused on Java, Java 9, and Java EE

Ranked 4th in RoboCup IranOpen

[2015]

Junior demo open challenge of high school students

TEACHING ASSISTANT

Compiler, Professor Ghassem Jaberipur, Sharif University of Technology

[01/2021 – 05/2021]

Artificial Intelligence, Professor Mehrnosh Shamsfard, Shahid Beheshti University

[09/2019 – 01/2020]

Advanced Programming, Professor Sadegh Aliakbary, Shahid Beheshti University

[01/2019 – 05/2019]

Introduction to Programming, Professor Sadegh Aliakbary, Shahid Beheshti University

[09/2018 – 01/2019]

LANGUAGE SKILLS

Mother tongue(s): **Persian**

Other language(s): **English (IELTS Overall 7.0)**