

Amirhossein Barari

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EDUCATION

M.Sc. in Computer Science

2021 - Present

University of Bonn

- **Overall GPA:** 2.7/4

B.Sc. in Computer Engineering

2016 - 2020

University of Tehran

- **Overall GPA:** 3.49/4 (16.79/20)
- **Last two-year GPA:** 3.78/4 (17.53/20)
- **Thesis Title:** Activity Recognition System Based on Mobile Sensors
- **Thesis Grade:** 19/20
- **Supervisor:** Dr. Kazim Fouladi

RESEARCH INTERESTS

- Natural Language Processing
- Data Science
- Image Processing

AWARDS & HONORS

- Ranked within the top 3% among more than 162,000 participants in Iranian University Entrance Exam
- Full scholarship from University of Tehran (tuition waiver)

TEACHING EXPERIENCE

Design of Algorithms Teaching Assistant

Fall 2018

University of Tehran

- **Course Professor:** Dr. Zahra Movahedi

WORK EXPERIENCE

Student Research Assistant

January 2024 – Present

Hertz-Chair for Artificial Intelligence and Neuroscience at Bonn University

- Working mostly with Python

Developer

November 2021 – December 2023

Bakken & Bæk

- started as a developer intern and since last September I have been promoted to the developer role. My responsibilities are mostly front-end related.
- Working with ReactJS, TypeScript, and NextJS
- Using Python for building slack bots

Python Developer

June 2019 – March 2021

Mediasoft

- Using python language and frameworks like Django and Flask
- Write and Test APIs both functional and class-based with Django Rest framework
- Write scripts with python for web scrapping

Front-End Developer

Jan 2017 – Dec 2018

IranhomeTravel

- Iranhome Travel was a startup about accommodations for tourists that three of my colleagues and I started but didn't succeed despite our efforts.
- Developed with common Front-End Technologies like HTML, CSS, Bootstrap and JS

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript

Frameworks: Django, Flask

Libraries: NumPy, pandas, Matplotlib, Scikit-learn, OpenCV

Web/DB technologies: HTML, CSS, ReactJS, NextJS, PostgreSQL

CERTIFICATES

IBM Data Science Specialization

Coursera

- One of the best Coursera Professional Certificates, consists of 9 courses.

LANGUAGE

Persian: Native

English: Fluent (IELTS: 7)