

# Amir Babamahmoudi

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## Education

### Amirkabir University of Technology

Tehran, Iran

B.Sc. COMPUTER SCIENCE

2018 - 2022(expected)

- CGPA: 3.6/4.0 (17.25/20)

• Selected Courses:

Artificial Intelligence: 20   Design & Analysis of Algorithms : 19   Linear Optimization: 20   Foundation of Matrix & Linear Algebra: 20

### National Organization for Development of Exceptional Talents(Shahid Soltani1)

Karaj, Iran

DIPLOMA OF MATHEMATICS AND PHYSICS

2014 - 2018

- CGPA: 4.0/4.0 (19.04/20)

## Skills

**Programming Languages** Python, Java,C/C++

**Framework and Libraries** Tensorflow, Keras, Numpy, Scikit-learn

**DataBase** MySQL, PostgreSQL

**Other technologies** Android studio, Git, Linux

## Experience

### Research Assistant

Amirkabir University

DATA SCIENCE INNOVATION CENTER

July 2021 - present

- Driver Assistant: Monitoring Driver Using Computer Vision
- Supervisor: Dr. Mohammad Akbari  
akbari.ma@aut.ac.ir

### Undergraduate Teaching Assistant

Amirkabir University

INTRODUCTION TO COMPUTER AND PROGRAMMING (C LANGUAGE)

Spring 2021

- Instructor: Dr. Mohammad Akbari  
akbari.ma@aut.ac.ir

### Staff in ACM-ICPC University Competeion

Amirkabir University

COMPETEION TO CHOOSE BEST TEAMS FOR WEST ASIA CONTEST

Winter 2018

## Projects

### Recommender System on Goodreads Book Dataset

Amirkabir University

A CONTENT-BASED AND SIMPLE RECOMMENDER SYSTEM FOR UNIVERSITY AI COURSE- [GitHub](#)

Spring 2021

### ETL Pipeline to synchronize two databases

Amirkabir University

DESIGNED A DATABASE AND A WAREHOUSE TO SAVE CHANGES USING PYTHON AND POSTGRESQL AND ALSO

COMPARING TWO DATABASES AND SYNC THEM TOGETHER FOR DATABASE COURSE IN UNIVERSITY- [GitHub](#)

Spring 2020

## Certificates

**Deep Learning Specialization Course:** [Coursera.org](#)

**Participant in ACM-ICPC West Asia 2019**

## Languages

**Persian** Native

**English** Fluent