

Amirhossein Nabipour

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EDUCATION

Bachelor of Science in Computer Science

Sep 2019 - Jun 2024

Islamic Azad University Science and Research Branch

Department of Converging Sciences and Technologies

(16.30/20.00)

Diploma in Mathematics and Physics

Sep 2016 - Jun 2019

Shahid Ali Mohammadi Government Leading High School

(18.75/20.00)

SKILLS

Programming Languages: Python, Java

Libraries & Frameworks (Backend): Django, Spring Boot, Scikit-learn, Numpy, Pandas, Matplotlib

Frontend Development: HTML, CSS, JavaScript, Sass

Libraries & Frameworks (Frontend): Bootstrap, jQuery, Vue3

Database: SQL, SQLServer, PostgreSQL

Tools: Git, Regex, Trello, Jupyter

Document Preparation: Microsoft Office, LaTeX

RESEARCH INTERESTS

AI, Machine Learning and Deep Learning, Natural Language Processing (NLP), Reinforcement Learning, Data Analysis, Data Mining, Computer Vision, Information visualization, Image processing, Web Developing

EMPLOYMENT

Technical Support Specialist

Unique Motor Oil

Mar 2021 - Jun 2023

Python and Web Design Instructor

Lancer Institute - Sharif Innovation Center

Jul 2023 - Present

- **Web Design:**

- HTML, CSS, JavaScript, Bootstrap, jQuery, Sass

- **Python:**

- Basic, OOP, Web Scraping libraries, Django, numpy, pandas, openCV

KidCode Coding Competition Referee

Sharif University of Technology

Year: 2024

PROJECTS

Epay

Developed a full-stack payment processing application (Epay) using Django (backend) and Vue.js (frontend) to facilitate online and virtual network sales for Iranian users. GitHub Link: [Epay](#)

RFM-Clustering

Implemented an RFM customer segmentation model using Python and K-means clustering to analyze customer behavior on the Nuorashop.ir website. GitHub Link: [RFM-Clustering](#)

WhatsApp Platform

A platform for sending controlled bulk messages on WhatsApp enables users to broadcast targeted messages to multiple contacts while maintaining compliance with WhatsApp's bulk messaging policies. (Private Project)

Spring Boot Application for Sheep Farm Data Management

Developed a Spring Boot application for a sheep farm management system, facilitating data management for sheep and their offspring. GitHub Link: [Farm](#)

ANP Website Design

Designed a website for ANP (Andisheh Negar Pars) to enhance their online presence and user experience. GitHub Link: [ANP](#)

SELECTED COURSES

Artificial Intelligence	(18.00/20.00)
Principles of Operating Systems	(19.00/20.00)
Compiler	(18.00/20.00)
Numerical Linear Algebra	(20.00/20.00)
Numerical Analysis	(18.00/20.00)
General Mathematics 3	(18.5/20.00)
Non-Linear Optimization	(17.00/20.00)

AWARDS AND HONORS

Second Place in Handball Provincial Competition

LANGUAGES

Persian: Native **English:** Proficient (IELTS Score: 7.5 Overall) **German:** Upper Intermediate