

NARGES SODEIFI

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RESEARCH INTERESTS

Computer vision, Health Informatics, HCI

EDUCATION

Bachelor of Science

Amirkabir University of Technology | Tehran, Iran
Computer Engineering | GPA: 3.49/4

Sep 2018 - Jul 2022

Relevant Courses

Algorithm Design (20/20), Principles of Computational Intelligence (19/20), Data Mining (18.1/20), Research and Technical Presentation (19.5/20), Web Programming (20/20), Mobile Programming (19.5/20), Signals and Systems (19.25/20), Principles & Applications of Artificial Intelligence (17.17/20), Startup Development (20/20), Internet of Things (18.51/20)

High School Diploma

Sotoudeh Institute | Tehran, Iran
Mathematics | GPA: 18.88/20

Sep 2014 - Jul 2018

EXPERIENCE

Prompt Engineer

Computational Thinking Alliance | E-Learning Providers

Sep 2023 - Present

I developed customized AI prompts for image creation, explored innovative methods to enhance model performance, and iteratively refined prompts based on AI model testing and feedback.

Data Scientist

Radin Technology | IT Service and IT Consulting

Apr 2022 - Jun 2023

Developed a system similar to Amazon Dash Cart, auto detect supermarket products and speed up shopping experience using computer vision and machine learning. [Read More](#)

Freelance Data Scientist

IELTS Tehran | E-Learning Providers

Jan 2023 - Sep 2023

Analyzed candidates' data to enhance customer service and developed classification ML models to predict exam outcome based on previous tests.

Data Science Intern

Sanjeman Co. | Human Resources Service Application

Jul 2021 - Oct 2021

Developed a resume ranking systems to rank applicants based on their chance to get accepted with over 75% accuracy using XGBoost algorithm.

TEACHING EXPERIENCE

High School Teacher

Python Teacher | Banooamin High School

Oct 2022 - Nov 2022

Teacher Assistant

Algorithm Design Course | Amirkabir University of Technology

Mar 2022 - Jun 2022

Microprocessor and assembly language course | Amirkabir University of Technology

Feb 2021 - Dec 2021

NOTABLE PROJECTS

Memeor Shower

Android App | Kotlin and Java

Fall 2021

An app that allows users to make memes with some unique characteristics.

Snail jumper

Game | Python

Fall 2021

An evolutionary game design using evolutionary algorithms and neural networks.

Information Retrieval

Search Engine | Python

Spring 2021

A search engine on 7000 documents using information retrieval techniques.

Fruit Classification

Program | Python

Fall 2021

Implemented a three-layer Neural Network to classify 600 pictures into four different groups with gradient descent technic and used sigmoid as activation function.

SKILLS

Languages

English: IELTS overall band score 7.5 (Listening: 8.5, Reading: 8, Writing: 6.5, Speaking: 7.5)

Technical Skills

- Proficient in: **Python, C#**
- Familiar with: **Java, JavaScript, Kotlin, C++**
- Tools and Technologies: **Git, MySQL, Looker Studio, HTML, CSS, Android Studio**

AI Research and Design

Researching and designing artificial intelligence systems using machine learning models, such as neural networks, as well as probabilistic models and classic AI approaches.

Applied ML

Machine learning and its applications, including prediction, machine translation, computer vision, and natural language models, using libraries such as TensorFlow, Keras, PyTorch, and Scikit-Learn.

SUPPLEMENTARY COURSES

Certified Ethical Hacker

Issued Jun 2020

Front-end web development

Issued Apr 2020