ERFAN SHAFIEE

SOFTWARE PROGRAMMER

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📍 Tehran,Iran

in linkedin

○ Github

PROFILE

I am a computer engineering student specializing in artificial intelligence and web development. My strong passion for working in these two fields, coupled with my commitment to supporting them through social activities and continuous learning, has shaped me into an energetic and creative individual. My goal is to create intelligent and innovative solutions that contribute to driving change and adding value to society. With strong technical skills and a passion for continuous learning, I am prepared to play an impactful role in projects tackling complex and exciting challenges, and to join unique working teams.

SKILLS

PROGRAMMING LANGUAGES
- Python(Certification)
- C++
- C
- Java(Certification)
- JavaScript(Certification)

DATABASES
- Mysql(Certification)
- Mongo DB(Certification)
- Redis(Certification)

WEB DEVELOPMENT
- Django
- Flask
- Html
- Css

TOOLS & TECHNOLOGIES
- GIT
- API

AI
- Machine Learning(Certification)

Languages
- English

VOLUNTEERING

- **Member of the founding board of Computer Science Association**

  Science and Research Branch University

  2023-Present

- **Member of the technical committee**

  SRCPC Committee

  2023-Present

- **Jury Committee(Solution Reviewer)**

  SRCPC Committee

  2023-Present

  "SRCPC is an algorithmic competition that is held every year at Islamic Azad University, Sciences and Research Branch ."

- **SRBIAU_2D Soccer 2D Simulation Team**

  Member

  2023-Present

EDUCATION

Science and Research Branch University

Bachelor's degree,Computer Engineering

2022-Present

KEY ACHIEVEMENTS

🏅 **Third place in the "Soccer 2D Simulator League" in the Robocup iranopen 2024**

CERTIFICATIONS

- **Machine Learning with Python**
  Maktabkhooneh
- **Advanced Python Programming**
  Maktabkhooneh
- **Task-Oriented Course In Sql**

  Quera

- **Task-Oriented Course In Fundamentals Of Java Programming**
  Quera
  "Beta Tester"
- **Task-Oriented Course In Fundamentals Of Javascript Programming**

  Quera
  "Beta Tester"
  - **Third place in the "Soccer 2D Simulator League" in the Robocup iranopen 2024**

  IranOpen

PROJECTS

- **AI PROJECT**

  "Implemented ML for cancer diagnosis using classification and SVM, assessing cancer types and predicting curability. Specialized skills in critical healthcare applications."

- **AI PROJECT**

  "Implemented a K-Nearest Neighbors (KNN) algorithm for a project translating handwritten text to digital text using Machine Learning."

- **WEB DEVELOPMENT PROJECT**

  "Built an interactive weblog, allowing users to create and share posts with an integrated commenting system. Demonstrates strong web development skills and a focus on user experience enhancement."

- **SRBIAU_2D SOCCER 2D SIMULATION TEAM**
  - The SRBIAU2D team proudly presents its innovative contributions to the RoboCup Soccer Simulation 2D League, leveraging the Helios base code as a foundation.
  - Our research has led to the development of groundbreaking artificial intelligence (AI) strategies, focusing on goalkeeper optimization through deep reinforcement learning, enhanced pass decision-making via a machine learning-augmented multi-criteria framework, and sophisticated defensive tactics, including Dynamic marking and coordinated blocking.
  - A standout feature of our approach is introducing a "Super Defense" mode, activated during critical game phases, to ensure a robust defence that secures leads. By integrating cutting-edge AI and machine learning techniques, we aim to significantly elevate team performance. We demonstrate our dedication to innovation within the RoboCup community and the broader field of AI research in sports simulations.