Parsa Abdolmaleki
Junior Data Scientist

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Gender: Male

Has the spirit of quick learning and teamwork, high responsibility, adherence to time and results orientation, ability to solve problems, with more than 1 year of experience in research and ML modeling. Ability to lead a team and manage resources, communication and collaboration skills.

EXPERIENCE(PROJECTS)

- Pre-processing and building sentiment analysis model

  Sentiment analysis and labeling of the comments of the audience of a movie

- Preprocessing and building models on news text and headlines

  Determining the news field to determine the interest of users in order to cluster them

- Building a poetry production model with recurrent neural networks

  I trained the neural network with long-term memory by using Hafez poems

- Data visualization

  Data visualization using Matplotlib, Seaborn and Bokeh (Bokeh Server)

- Disease diagnosis using neural network

  Disease diagnosis using chest images
  Disease diagnosis using tabular laboratory data

- Image classification using transfer learning

  Building a model for classifying images received from a webcam or images received from a user using transfer learning based on the weight of the Rosenet model.

- Preprocessing on student data

  Building a model to predict the academic rank of students based on the data of three academic years

- A/B testing

  A/B testing the effect of website design changes on sales
  A/B testing the effect of the vaccine on improving the corona disease

- Multithreading a neural network

- Teaching experience in computer schools

  Teaching programming topics in Python language

- Membership in the artificial intelligence union

  Two years of membership in Artificial Intelligence Association/ performing artificial intelligence student projects/ conducting seminars in this field/ researching and publishing articles in the scientific association's journal

SKILLS

- Core programming languages: Python, C++, C
- Deployment and visualization: Git, Bokeh Server, Docker(elementary), Flask(elementary)
- Database: MySQL, SQLite, SQLServer, Access
- Applied statistical methods: A/B testing, p-value hypothesis testing, Z test, Jenson Shanon
- ML / NLP: TensorFlow, Keras, Tree-based models, scikit-learn, Clustering, NeuralNetworks, Classification and Regression methods, Hazm, NLTK, OpenCv, Prophet
- Soft skills: Project management, Leadership, Active listening, Problem Solving
- Language: Farsi (Native), English (intermediate)

EDUCATION

- **2021 – Present | Shahid Rajaei Teacher Training University**

  Bachelor: Computer engineering

  Teacher assistant on subject "Advanced programming in C++ language "

  Teacher assistant on subject " Linear algebra"

  Teacher assistant on subject " Operating system laboratory (Linux training course)"

- **2015 – 2021 | Shahid Rajaei Tehran High school(Sampad)**

  Diploma: Mathematics

  Getting to the second national stage of Physics Olympiad