

PARISA NOROOZI BEHJAT

AI Engineer | Natural Language Processing | Machine Learning

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GitHub: github.com/Parisa-Noroozi

PHOTO
portrait slot

PROFILE

Computer Engineering student focused on Artificial Intelligence, Natural Language Processing, Machine Learning, and practical intelligent systems. My current learning is increasingly focused on Retrieval-Augmented Generation (RAG) and graph-based approaches, with an interest in how retrieval, structured knowledge, and language processing can work together in intelligent systems.

TECHNICAL SKILLS

AI & Machine Learning PyTorch • Machine Learning • Deep Learning • Neural Networks • Model Training	RAG & Graph - Current Learning Focus Retrieval-Augmented Generation (RAG) • Graph-based NLP • Knowledge Graph Concepts • Graph Neural Network Concepts
Natural Language Processing Text Processing • Tokenization • Information Retrieval • Semantic Search • Ranking Algorithms	NLP Libraries & Tools spaCy • NLTK • Hugging Face • Gensim • NumPy
Search & Retrieval TF-IDF • Cosine Similarity • Autocomplete Systems • Retrieval Pipelines	Software Development Python • Object-Oriented Programming • Software Architecture • Backend Systems • Clean Code

PROFESSIONAL EXPERIENCE

AI Engineer

2021 - Present

Aria Haman Mehr Parse

Company: ariahaman.ir

Started at the company in 2021 and progressed from an internship into an engineering role, working with the AI team on practical NLP systems. My experience includes collaboration on the **Rakhshai** project, where I contributed to the **tokenization** component of its NLP pipeline. This work gave me practical exposure to production-oriented NLP development and graph-based language processing.

- Contributed to the tokenizer component used in the Rakhshai NLP pipeline.
- Worked with the AI team on NLP and information retrieval tasks.
- Gained practical exposure to graph-based NLP through the Rakhshai project.

SELECTED PROJECTS & CURRENT DIRECTION

Search Engine From Scratch Pure Python information retrieval system implemented without external NLP libraries. • Tokenization and indexing • TF-IDF weighting and cosine-similarity ranking • Ranking and autocomplete pipeline	RAG & Graph Exploration Current learning and experimentation around retrieval-augmented systems and graph-based knowledge representation. • Retrieval workflows • Graph-based NLP concepts • Connecting language, retrieval, and structured knowledge
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EDUCATION

Bachelor of Science (BS) in Computer Engineering

Sep 2022 - 2026

Islamic Azad University, Rafsanjan Branch

Field of Study: Computer Engineering

INTERESTS

TRX • Walking • Music • Guitar