

Curriculum Vitae

Personal information Farnaz Zeidi

Work experience

Work Experience

1. Start date: February 2022

End date: Present

Position held: NLP and Machine Learning Researcher

Employer's name: Paul-Ehrlich-Institut (PEI)

Country of employment: Germany

Main activities:

- Applied and fine-tuned LLMs (e.g., Mistral, LLaMA, Flan-T5) for biomedical text analysis in English and German.
- Developed AI pipelines for detecting drugs, adverse events, and personal data in regulatory documents.
- Used OCR and vision-language models for text extraction from scanned files.
- Collaborated in building AI tools like "Ask Your Documents" for semantic search and prompt-based querying.

Declaration: PEI is a public research and regulatory body, **not** a pharmaceutical, device, consultancy, or CRO entity.

2. Start date: January 2021

End date: January 2022

Position held: NLP Researcher (R&D Department)

Employer's name: New Mind Company

Country of employment: Turkey

Main activities:

- Built transformer-based models (BERT, RoBERTa, LongFormer) for legal document processing.
- Focused on NER, text classification, and summarization.

Declaration: New Mind Company is a legal-tech firm, **not** a pharmaceutical, device, consultancy, or CRO company.

3. Start date: October 2018

End date: October 2020

Position held: Researcher / PhD Candidate

Employer's name: Istanbul University

Country of employment: Turkey

Main activities:

- Researched ML techniques on medical datasets (e.g., diabetes, COVID-19, breast cancer).
- Used clustering and classification for disease diagnosis and patient profiling.

Declaration: Istanbul University is a public academic institution, **not** a pharmaceutical, device, consultancy, or CRO company.

Education and training

Education and Training

Ph.D. in Informatics

- **Start Date:** October 2018
- **End Date:** September 2023
- **Degree:** Doctor of Philosophy (Ph.D.) in Informatics
- **Institution:** Istanbul University
- **Country:** Turkey
- **Subjects/Skills:** Machine Learning, Natural Language Processing, Legal Tech, Information Extraction, BERT-based Models, Research Methodology

M.Sc. in Information Technology Engineering

- **Start Date:** September 2014
- **End Date:** July 2016

- **Degree:** Master of Science (M.Sc.) in Information Technology Engineering
- **Institution:** Mazandaran University of Science and Technology
- **Country:** Iran
- **Subjects/Skills:** Data Mining, Systems Integration (ERP/CRM/SCM), Knowledge Management, Optimization Algorithms

B.Sc. in Information Technology Engineering

- **Start Date:** September 2010
- **End Date:** July 2014
- **Degree:** Bachelor of Science (B.Sc.) in Information Technology Engineering
- **Institution:** Sheikhabahae University
- **Country:** Iran
- **GPA:** 18.52 / 20 (20 is the highest score)
- **Subjects/Skills:** Programming, Database Systems, Software Engineering, Computer Networks

Additional information

Publications

Publications

Books and Book Chapters

- **Zeidi, F., & Azar, L.** (2023). *A Study of Students' Opinions About Media Platforms and Distance Education in the Covid-19 Pandemic*. In S. Gülseçen, S. K. Sharma, & F. O. Koçoğlu (Eds.), *Pandemic and the Critical Role of Knowledge Management* (pp. 159–178). Istanbul University Press.
- Taşcı, F., Erdoğan, S., Erken, M., Erdoğan, G., **Zeidi, F.**, & Gülseçen, S. (2022). *Uluslararası Öğrencilerin Türk Diline Uyumları: İstanbul Üniversitesi Örneği* [Adaptation of International Students to Turkish Language: A Case Study of Istanbul University]. Harf Publications.
- Sanayei, A., **Zeidi, F.**, & Karimiyan, M. (2015). *Systems Integration: ERP, CRM and SCM with a Focus on E-Commerce (ERP II)*. Jahad Daneshgahi Publications.

Peer-Reviewed Journal Articles and Conference Papers

- **Zeidi, F.**, Amasyali, M. F., & Erol, Ç. (2024). *LegalTurk Optimized BERT for Multi-Label Text Classification and NER*. arXiv preprint, arXiv:2407.00648.
- **Zeidi, F.**, Azar, L., Arslan, V., & Erol, Ç. (2022). *A Hybrid Model Focusing on Data Pre-Processing in Diabetes Diagnosis*. *International Journal of Cybernetics and Systems*.
- **Zeidi, F.**, & Sanayei, A. (2015). *Prioritization of Critical Success Factors in ERP II Implementation: A Case Study in Iran*. *International Journal of Information Science and Management*.
- **Zeidi, F.**, & MirAhmadi, M. (2015). *Prioritization of Critical Success Factors in Knowledge Management Using the AHP Method*. *Cumhuriyet Science Journal*.

ProjectsMembershipsOther Relevant Information