

MAHBOOBEH FATHOLLAHIMIRAHA

Computational Linguistics Researcher

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Research Focus

Low-Resource NLP for Kurdish and Laki languages

Cross-lingual transfer learning from Arabic

Computational dialectology

Digital language preservation

Technical Skills

Programming: Python, PyTorch, Transformers

NLP: Natural Language Processing, Machine Learning

Tools: Git, Google Colab, Data Analysis

Methodologies: Research Design, Data Collection

Linguistic Proficiency

Native: Kurdish (all dialects), Laki, Persian

Advanced: Arabic (MSA & Gulf dialects), English

Research: Semitic and Iranian language families

Professional Certifications

3rd Dan Black Belt - Shitoryu Karate

2nd Dan Black Belt - Judo

National Gold Medalist - Judo Championships

Certified Judo and Self-Defense Instructor

Education

Bachelor of Arts in Arabic Language and Literature

University: payame Noor University Kermanshah Cente

Graduation: 2012

GPA: 13.87/20 (Approx. 2.8/4.0)

Research Projects

Kurdish-Arabic Parallel Corpus Development

Laki Language Computational Resources

Low-Resource NLP Methodologies

Achievements

Pioneering research in Kurdish/Laki computational linguistics

Unique native proficiency in multiple under-resourced languages

Demonstrated excellence in both academic and athletic disciplines