

Haniye Kashgarani

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EDUCATION

2019 – present Laramie, Wyoming	Ph.D. in Computer Science <i>University of Wyoming</i>
2013 – 2017 Tehran, Iran	B.Sc. in Computer Engineering (Software Engineering) <i>Shariaty Technical College of Tehran</i>

RESEARCH EXPERIENCE

May 2020 – present Laramie, United States	Research Internship, Animal Identification <i>University of Wyoming</i> Keywords: Image classification, Convolutional Neural Network, Explaining deep neural network predictions, Shapley values, Keras, Tensorflow
Aug 2019 – present Laramie, Wyoming	PhD Thesis, Robust and Intelligent Resource Allocation for Solving Combinatorial Problems <i>University of Wyoming</i> Keywords: Algorithm Selection, Parallel portfolio, Resource allocation in Algorithm Selection, MLR, ASlib, LLAMA, HPC, SLURM, Parallel GNU, R batchtools.
2017 Tehran, Iran	Undergraduate thesis, Designing and Implementing an Online C2C E-commerce Website for Selling Books <i>Shariaty Technical College of Tehran</i> Keywords: ASP.NET MVC, ASP.NET Web API, ADO.NET, Entity Framework, LINQ, MSSQL, MongoDB

RESEARCH INTERESTS

- Machine Learning, Artificial Intelligence, Deep Learning
- Parallel Programming, Resource Allocation
- Algorithm Selection, Computational Complexity
- Software Engineering, Programming Languages

PUBLICATIONS

Is Algorithm Selection Worth It? Comparing Selecting Single Algorithms and Parallel Execution

(Under Review) AAAI 2021 Meta-Learning Workshop

Authors: Haniye Kashgarani, Lars Kotthoff

PROFESSIONAL EXPERIENCE

2017 – 2019
Tehran, Iran
Freelancer .NET developer

2016 – 2017
Tehran, Iran
Web developer
EGS (Ertebat Gostar Sabat) Company

SKILLS

Programming

*Python (Numpy, Tensorflow, Keras, Scikit-learn, SHAP)
R (MLR, ASlib, LLAMA)
Object Oriented Programming
Android programming with Java
C#.NET (ASP.NET MVC, ASP.NET Web API, ADO.NET, Entity Framework, LINQ, AJAX)
SQL, CSS, jQuery*

Operating System

Linux, Windows, Android

Software

Anaconda, Jupyter notebook, Spyder, Rstudio, Android Studio, Microsoft Visual Studio, Microsoft SQL Server Management Studio

Typesetting

LaTeX, Microsoft Office

High performance computing (HPC)

Bash Scripting, Slurm

GRADUATE COURSES

Intro to Artificial Intelligence	Randomness in Computation
Advanced Topics in AI	Mobile Programming
Deep Reinforcement Learning	Advanced Mobile Programming
Analysis of Algorithm	

CERTIFICATES

- Neural Networks and Deep Learning [↗](#)

LANGUAGES

- English
- Persian

INTERESTS

Photography • Hiking • Traveling • Movies

REFERENCES

Dr. Lars Kotthoff, Assistant Professor, University of Wyoming
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Dr. Chao Jiang, Assistant Professor, University of Wyoming
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