Amirreza Dolatpour Fathkouhi

(+98) 9377683975 • a.dolatpour2000@gmail.com

EDUCATION

Bachelor of Computer Engineering **GPA**: 17.64 (out of 20) 2018 - Present
Shiraz University of Technology, Shiraz, Iran,

RESEARCH INTERESTS

Interested in Deep Learning, Machine Learning, Computer Vision and Swarm Intelligence.

RESEARCH EXPERIENCE

Researcher: 2020 - Present
Department of Electrical and Electronic Engineering, Shiraz University of Technology

- Working on the modified versions of Swarm Optimizers and improve their performance in the hard problems and also its Application as a Hyperparameter tuning in Deep neural network models.
- Contribute to multi-disciplinary project aimed at Programming, Simulation, giving ideas and writing the Results.
- Collaborate and coordinate with supervisor, scientific staff and the other member of a team.

TEACHING AND MENTORING EXPERIENCE

Teaching Assistant, Advanced Programming: Jan 2020 - Sep 2020
Department of Computer Engineering, Shiraz University of Technology

- Supervised 30+ Students and grade their exercises.

Teaching Assistant, Artificial Intelligence and Expert Systems Sep 2020 - Feb 2021
Department of Computer Engineering, Shiraz University of Technology

- Supervised 30+ Students on virtual classes and solve their problems.

Teaching Assistant, Computational Intelligence: Mar 2021 -August 2021
Department of Computer Engineering, Shiraz University of Technology

- Supervised 40+ Students and solve their problems
- Record movie for their exercise Solutions.

Teaching Assistant, Algorithm Design: Mar 2021 -August 2021
Department of Computer Engineering, Shiraz University of Technology

- Supervised 30+ Students on virtual classes and solve their problems.
- design the programming exercises.

HONORS AND AWARDS

Ranked 4th among all the computer engineering students in my year up to the end of the third year of undergraduate program (now) August 2021

RESEARCH IN PROGRESS

working on a new version of modified bat algorithm and its application in deep convolutional neural network hyperparameter tuning for vehicle type classification under the supervision of Dr. A. Kavousi-Fard.

TECHNICAL SKILLS

Programming languages and mathematical packages:

- *Matlab, C, C++, C#, Java (SE), Python, Tensorflow, Numpy, Pandas.*

Computer aided design/engineering:

- *lntellij IDEA, Pycharm, Visual Studio.*

Other:

- *Windows OS*

LANGUAGES

Persian: Native

English: Fluent

REFERENCES

Abdollah Kavousi-Fard, Assistant Professor

Department of Electrical and Electronic Engineering

Shiraz University of Technology

kavousi@sutech.ac.ir

Kamran Kazemi, Associate Professor

Department of Electrical and Electronic Engineering

Shiraz University of Technology

kazemi@sutech.ac.ir

Reza Akbari, Associate Professor

Department of Computer Engineering

Shiraz University of Technology

akbari@sutech.ac.ir