

# EHSAN KIAKOJOURI

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Tehran, Iran  
[ehsankiakoouri.github.io/CV](https://ehsankiakoouri.github.io/CV)

## EDUCATION

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**B.Sc.** Shiraz University of Technology, Computer Engineering Sep 2018 to Present

## RESEARCH EXPERIENCE

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**University of Windsor**, Windsor, Canada April 2022 to Present  
**Undergraduate Researcher**, Learning Systems and Cybernetics Lab

- Remote Collaboration
- Explainable Artificial Intelligence (XAI) Project

**Modern Health Technology Research Center**, Shiraz, Iran-February 2022 to March 2022  
**Undergraduate Researcher**, Data Modeling, Processing, and Analysis Research Group

- Covid-19 Project
- Pregnancy Project

**Shiraz University of Technology**, Shiraz, Iran January 2021 to March 2022  
**Undergraduate Researcher**

- Developing a novel optimizer
- Evaluating the new optimizer using deep learning on real world application

## TEACHING EXPERIENCE

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**Shiraz University of Technology**, Shiraz, Iran September 2018 to July 2022  
**Teaching Assistant**, Department of Computer Engineering and Information Technology

- Signals & Systems
- Algorithms Design
- Computational Intelligence
- Artificial Intelligence & Expert Systems
- Advanced Programming
- Fundamentals of Computer Programming

## PUBLICATIONS

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### *Journal Papers in Review*

**Kiakoouri, E.\***, Dolatpour Fathkouhi\*, A., Kavousi-Fard, A., and Karimi, M.,  
“Automated Deep CNN Design using Modified Bat Algorithm for Vehicle  
Classification,” Submitted to **IEEE Transactions on Pattern Analysis and  
Machine Intelligence**.

## PROFESSIONAL TRAINING

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### **Deep learning & Neural Network Workshop**

Loop Academy, Tehran, Iran, April 2020

### **Brain Stimulation & Brain Signals**

National Brain Mapping Laboratory (NBML), Tehran, Iran, November 2021

## COMMUNITY SERVICE

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### **Shiraz University of Technology**

Executive Member at IT Scientific Association, Shiraz, September 2020 – March 2021

*holding webinars for the professional education of students*

## LANGUAGES

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**Persian:** Native Language

**English:** Full professional proficiency

## COMPUTER SKILLS

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**Programming:** Python, C++, Java

**Applications:** MATLAB

**Tools:** Tensorflow, Numpy

## INTERESTS

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Exercise, Painting, Reading

## REFERENCES

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