

SINA RAZI MOFTAKHAR

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PROFESSIONAL EXPERIENCES

Artificial Intelligence Working Student

Procter & Gamble

📅 Feb, 2023 - ongoing 📍 Schwalbach am Taunus, Germany

- We worked on numerous datasets, such as statistical and image ones.
- Implementing various AI-based projects, including Machine Learning and Computer Vision, by using TensorFlow and other Python frameworks.

IT System Administrator

Petrochemical Company of Oroumieh

📅 Feb, 2021 - Jun, 2021 📍 Oroumieh, Iran

- This internship is related to internship course of **University of Tabriz**, under the guidance of **Prof. Seyed Naser Razavi**. I was designated as a system admin at Information Technology department of this industrial company.
- Providing cluster-based systems for employees and work with state-of-the-art real-world and industrial applications.

EDUCATION

M.Sc. in Artificial Intelligence

Friedrich-Alexander Universität Erlangen-Nürnberg

📅 Oct, 2022 - Oct, 2024 📍 Erlangen, Germany

B.Sc. in Computer Engineering

University of Tabriz

📅 Sep, 2018 - Apr, 2022 Tabriz, Iran GPA : 18.12 out of 20

- Graduated with High scores, and **Ranked 3** out of 80 students.
- Being teacher assistant at the last semester.

High School Diploma Certificate in Mathematical sciences

National Organization for Developing Special Talents

📅 Sep, 2014 - Jun, 2018 Oroumieh, Iran GPA : 19.40 out of 20

SKILLS

Artificial Intelligence Machine Learning Deep Learning

Computer Vision Image Processing Data Analytic

Data Science Data Management Market Intelligence

Segmentation Algorithms Software Engineering

PROGRAMMING

Programming Languages

Python C/ C++ SQL Java

Frameworks

TensorFlow Keras Pytorch
Scikit-Learn NumPy OpenCV
Django SciPy HTML/ CSS
Pandas NodeJs

Other Skills

Git/ GitHub Tableau Power BI
Azure Linux Office

PROJECTS

Computer Vision with Image Processing - GitHub

python, tensorflow, numpy, etc

📅 Sep, 2022 - Ongoing

- Implementation of various Image Processing algorithms alongside Computer Vision ones.

Machine Learning Algorithms

python, tensorflow, numpy, etc

📅 Aug, 2020 - Ongoing

- Implementation of famous ML algorithms, such as Anomaly Detection, Dimensional Reduction and many more, from scratch.

Teaching assistance files of University of Tabriz - GitHub

📅 Jan, 2022 - Jul, 2022

- TA files for "Discrete Mathematics" and "Applied Linear Algebra", under the supervision of **Prof. Seyed Amir Mortazavi**.

Froth Flotation Process through Computer Vision - GitHub

python, etc

📅 Sep, 2021 - Jan, 2022

- The **final** project of University of Tabriz, based on **SSD architecture**, under the supervision of **Prof. Abdolhamid Moallemi Khiavi**.

CERTIFICATES

Issued by Stanford Online 28.11.2020

- [Machine Learning](#)

Deeplearning.ai 19.07.2021

- [TensorFlow in Practice Specialization](#)
- [Deep Learning Specialization](#)
- [TensorFlow Advanced Techniques Specialization](#)

Imperial College London 28.04.2022

- [Mathematics for Machine Learning Specialization](#)

University of Michigan 31.10.2020

- [Python for everybody specialization](#)

University of California, Santa Cruz 04.11.2020

- [C for Everyone: Programming Fundamentals](#)

University of Illinois at Urbana-Champaign 07.10.2020

- [Object-Oriented Data Structures in C++](#)

LANGUAGES

- English (Advance)
 - German (Elementary)
 - Turkish (Native)
 - Persian (Native)
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Monte Carlo Percolation - GitHub [java](#)

📅 Sep 27, 2020

- A GUI algorithmic project, based on Monte Carlo simulation, to estimate percolation threshold.

Atomic Nature of Matter - GitHub

📅 Jun, 2019 - Oct, 2019

- The programming project, based on **Data Analysis**, to customize images, and estimate Avogadro's number with the atomic articles.

ENGLISH CERTIFICATES

IELTS idp 18.12.2021

- Overall: 7

Listening: 7.5 Reading: 7
Writing: 6.5 Speaking: 7

GRE General 02.09.2022

Quantitative Reasoning: 157
Analytical Writing: 4