SINA RAZI

Machine Learning Engineer

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📍 Willy-Brandt-Allee 14, D-81829, München, Deutschland

PROFILE

A passionate AI/ML Engineer with +4 years of programming experience and interested in Computer Vision and Image Processing.

PROFESSIONAL EXPERIENCES

Junior AI Researcher
Barnameh Sazan Company

📅 Feb, 2020 - Feb, 2021   📍 Oroumieh, Iran

- 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.
- Other programming based tasks, such as NodeJs, Data Cleaning and etc.

Programming Tutor
National Organization for Developing Special Talents High School

📅 Nov, 2018 - Oct, 2019   📍 Oroumieh, Iran

- An enthusiastic instructor who taught students of his high school programming languages, namely Python and C/ C++.
- For final projects, we implemented "File management with C" and "Large Digit Calculator", whose codes were pushed on my GitHub recently.
- Please feel free to check my **GitHub Repository** for more information.

INTERNSHIP

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.

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` `Natural Language Processing` `Data Management`

Programming Languages & Frameworks

`Python` `C/ C++` `TensorFlow` `Keras` `Pytorch` `Scikit-Learn` `NumPy` `OpenCV` `Django` `SciPy` `Pandas` `HTML/ CSS` `NodeJs` `SQL` `Git` `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
python, etc

📅 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++

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

LANGUAGES

- English (Advance)
- German (Elementary)
- Turkish (Native)
- Persian (Native)