SINA RAZI

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📍 Äußere Brucker Str. 45, 91052 Erlangen, Deutschland

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

PROFESSIONAL EXPERIENCES

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.

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.

SKILLS

Artificial Intelligence

Machine Learning   Deep Learning   Market Intelligence

Computer Vision   Image Processing   Data Analytic

Data Management   Software Engineering

PROGRAMMING

Programming Languages & Frameworks

Python   C/ C++   Java   TensorFlow

Keras   Pytorch   Scikit-Learn

NumPy   OpenCV   Django   SciPy

Pandas   HTML/ CSS   NodeJs   SQL

Tableau   SPSS   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

📅 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**.

Monte Carlo Percolation - GitHub
java

📅 Sep 27, 2020

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

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++

- -

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

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GRE General   02.09.2022

   Quantitative Reasoning: 157

   Analytical Writing: 4

LANGUAGES

- English (Advance)

- German (Elementary)

- Turkish (Native)

- Persian (Native)

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