

# SINA RAZI

## Machine Learning Engineer

@ sina.razi@fau.de    +49 176 6149 0912    github.com/sinarazi    in linkedin.com/in/sinarazii  
📍 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

### 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.

## 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    Natural Language Processing  
Data Management    Software Engineering

## PROGRAMMING

### 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

📅 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**.

### 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.

## 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)
-