

SINA MORADI

Erlangen, Germany

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sina@sinam.me

Personal Website



M.Sc. AI @ FAU, Data Analytics & Infrastructure Topics @ Siemens Healthineers, Passionate learner @ AI, Hardware, and System Design

EDUCATION

- M.Sc. - Artificial Intelligence, FAU Friedrich-Alexander-Universität Erlangen-Nürnberg [↗](#) October 2023 - Present
- B.Sc. - Computer Engineering - Computer Systems Architecture, Islamic Azad University Tehran Central Branch [↗](#) February 2017 - February 2022

EXPERIENCES

Teaching:

- Advanced Programming Tutor [↗](#) January 2022 - June 2022
- Digital Systems Design Teaching Assistant [↗](#) January 2020 - June 2022

Vocational:

- Data Analytics & Infrastructure Topics, Siemens Healthineers [↗](#) July 2024 - Present
- DevOps, ATHLX [↗](#) June 2023 - October 2023
- Service and Support Engineer, Adanic [↗](#) August 2022 - August 2023

Attended Conferences:

- 6th Sharif Neuroscience Symposium [↗](#) March 2024
- 6th IPM Advanced School on Computing - Artificial Intelligence [↗](#) September 2022
- 4th Sharif Neuroscience Symposium [↗](#) March 2022
- 5th IPM Advanced School on Computing - Artificial Intelligence [↗](#) September 2021
- Amirkabir Artificial Intelligence Student Summit of 2021 [↗](#) August 2021
- Brain and Mind, SHENASA Association, Sharif University of Technology [↗](#) June 2021
- Brain development and neuropsychiatric disorders, Federation of European Neuroscience [↗](#) May 2021
- 3rd Sharif Neuroscience Symposium [↗](#) March 2020

COURSES

- Data Science: Foundations using R Specialization, Coursera, Johns Hopkins University [↗](#) Ongoing
- Algorithms Specialization, Coursera, Stanford University [↗](#) Ongoing
- Deep Learning Specialization, Coursera, DeepLearning.AI [↗](#) Ongoing
- Machine Learning, Coursera, Stanford University [↗](#) Ongoing
- Mathematics for Machine Learning Specialization, Coursera, Imperial College London [↗](#) Ongoing
- AI in Healthcare Specialization, Coursera, Stanford University [↗](#) Ongoing
- MATLAB, Sharif University of Technology [↗](#) August 2021 - October 2021
- Intermediate Bioinformatics, Hippocampus Association, Ardabil University of Medical Sciences [↗](#) August 2021 - September 2021
- Cognitive Neuroscience: The Biology of The Mind, Brain and Cognition Association, Ahvaz Jondishapur University of Medical Sciences [↗](#) June 2021 - September 2021
- fMRI Workshop, Sharif University of Technology [↗](#) February 2021

PROJECTS

- Personal Website [↗](#) April 2022 - July 2022
- Computer Systems Architecture Project (B.Sc. Project) [↗](#) September 2021 - April 2021
- EverConnect [↗](#) March 2018 - December 2022

SKILLS

- **Programming:** VHDL, Python, Bash Scripting
- **System Administration:** Kubernetes, Linux
- **Soft skills:** Teamwork, Problem-solving, Critical thinking,
- **Others:** , LaTeX, Git, Office, MEGA-X, Clustal, Jalview, HC Workbench, ModelSim, PSpice, HTML, CSS, Javascript, Scrum

LANGUAGES

- **Persian:** Native proficiency
- **English:** Full professional proficiency

RESEARCH INTEREST

- Cloud Computing
- FPGA
- Quantum Computing
- Embedded Systems
- Bioinformatics
- Neuroscience
- Computer Vision

PUBLICATIONS

- Edgar I. Campos-Madueno; Melika Moradi; Yasmine Eddoubaji; Fatemeh Shahi; **Sina Moradi**; Odette J. Bernasconi; Aline I. Moser; Andrea Endimiani. "*Intestinal colonization with multidrug-resistant Enterobacterales: screening, epidemiology, clinical impact and strategies to decolonize carriers*" European Journal of Clinical Microbiology & Infectious Diseases [↗](#) 01-2023

REFERENCES

- Dr. Samira Saeidi, Faculty Member, Bachelor Project Advisor, Digital System Design and Digital Electronics lecturer
✉ s.saeidi@iauctb.ac.ir