

Zahra SinaMehr

M.Sc. Informatics



Clausthal-zellerfeld, Germany | (+49) 1525-8740980 |
zahra.sinaMehr@tu-clausthal.de | LinkedIn | [GitHub](#)

Birth, November 21, 1995

SUMMARY

I am a Master's student in Informatics at TU Clausthal, with experience in research and programming. I am fluent in English, Persian, and Arabic, and currently learning German. I am actively working on front-end websites and a game web application using the React JavaScript framework. I am a quick learner and a results-oriented team player, passionate about cutting-edge technologies.

WORK EXPERIENCE

Front-End Developer (*Remotely*)

[Kardex company](#) | Sep 2024 – Present

- Developing and maintaining responsive web applications using React.js, Next.js
- Collaborating with cross-functional teams in an Agile environment to design and implement new features
- Utilizing Git & GitHub for version control and code reviews
- Creating user-friendly interfaces and optimizing performance for better customer experience
- Working with Figma for UI/UX prototyping and translating designs into functional components
- Contributing to system scalability and maintainability through clean, modular code

English Teacher

Tarjoman institute | Feb 2020 - Oct 2023

- Developing effective management and leadership skills
- Enhancing teamwork abilities and building stronger interpersonal relationships
- Improving confidence in communication and strengthening explanatory skills

IT Assistance

Ahvaz carton | Jul 2019 – Jan 2020

- Enhancing my management and leadership skills
- Strengthening teamwork and collaboration abilities
- Developing effective communication skills
- Building and maintaining strong professional relationships

EDUCATION

Master of Informatik

Technical University of Clausthal | 2023 – Present

Bachelor of Software Engineering

Institute for Higher Education ACECR Khuzestan | 2015 - 2019

TECHNOLOGIES

- GIT & GitHub | 2024
- Excel | 2020
- Ptolemy | TU Clausthal 2025
- Latex | TU Clausthal 2025
- React JS, Next JS | Kardex 2024
- Agile | Agiles Requirements Engineering komplexer Systeme im skalierten Projektkontext course in TU Clausthal 2024
- Figma | Serious Games course in TU Clausthal, 2024
- HTML, CSS, JS | Kardex, 2024
- Rhapsody | Software Systems Engineering in TU Clausthal 2023
- Python | Technical and Vocational Center, 2018
- C++ & C# | Technical Center, 2017

- Android | Andisheh Academy, 2016
- Website design training with WordPress | Dyson Institute, 2015
- Photoshop & Lego Design | Pars Center, 2014
- ICDL | Pars Center, 2013

LANGUAGE

- Persian (Farsi): Mother Tongue
- English: Advanced (IELTS 6.5)
- German: A2 (currently learning)
- Arabic: Full professional proficiency

Publications

- A new trust-based advisor system for large cloud data service networks recommender systems
- A new recommendation system based on the influence of group members and group leaders

Research Activities and Interests

- Research and Development of Artificial Intelligence
- Analysis of Air France Flight 447 and Asiana Airlines Flight 214 (2013) – Boeing 777 | Menschliche Überwachung von automatisierten Systemen in der Luftfahrt course in TU Clausthal 2025
- A Modern Human-Machine Interface (HMI) | Menschliche Überwachung von automatisierten Systemen in der Luftfahrt course in TU Clausthal 2025
- Pedestrian Group Detection in Shared Spaces Using DBSCAN | Seminar course 2025
- Research and Development of Smart Cars
- The future of Artificial Intelligence | webinar 2016
- Research and Development of Computer Networks