

ARDALAN ARABZADEH

CONTACT

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PROFILE

I hold a master's degree in Mechatronics from the University of Siegen, with a focus on Automation, Artificial Intelligence, and Machine Learning. My master's thesis on recommender systems resulted in a peer-reviewed publication presented at an international conference. I have earned certifications in AI, deep learning, and Python, and gained hands-on experience developing AI solutions in an industry setting.

EDUCATION

SIEGEN UNIVERSITY, GERMANY

October 2022 – March 2025

Master of Science in Mechatronics

Thesis: *Optimal Dataset Size for Recommender Systems*

SHIRAZ UNIVERSITY OF TECHNOLOGY

September 2015 – February 2020

Bachelor of Science in Electrical Engineering, Control

SKILLS

- **Python Programming:** University of Michigan certified
 - **AI & Machine Learning:** DeepLearning.AI certified
 - **Deep Learning:** DeepLearning.AI certified
 - **Project Management:** Google certified
 - **Financial Technical Analysis:** Industrial Management Institute certified
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WORK EXPERIENCE

INTERRED GMBH, AI/ML ENGINEER

June 2024 – present

Contribution to the research, development, and deployment of AI-driven tools within a content management system (CMS), primarily focused on Natural Language Processing (NLP) applications.

PIDEC COMPANY, CONTROL & INSTRUMENTATION ENGINEER INTERN

June 2018 – August 2018

Gained hands-on experience in closed-loop control systems and industrial automation using P&ID diagrams, control devices, and instrumentation. Built a strong understanding of system dynamics and sensor integration, forming a foundation for data-driven control and intelligent automation.