

Diako Farooghi

Curriculum Vitae



**Möbeck 63
42327 Wuppertal**

Mobile: +49 (160) 520 4425

E-Mail: diako@farooghi.de

- **Leadership**
- **Digital Transformation**
- **AI & Automation**



Curriculum Vitae

Name: Diako Farooghi

Date of Birth: 07.08.1983

Nationality: German / Iranian

Technical & Methodological Skills

- Software & Tools: Python, C#, VBA, SQL, UiPath, CAD (CATIA V5, Inventor, AutoCAD)
- Industry & Manufacturing: Siemens S7, CNC, IoT, Industry 4.0 solutions
- Languages: German & English (fluent), Persian (native)

Professional Experience

Since 06/2026 – Wilhelm Büchner University of Applied Sciences

Tutor / Adjunct Lecturer

- Supervision of the robotics laboratory and practice-oriented teaching of robotics applications

Since 10/2023 – Bochum University of Applied Sciences

Research Associate & Project Lead – TrAIber.NRW

- Project lead on behalf of Bochum University of Applied Sciences and coordination of an interdisciplinary team of four employees and three professors
- Development of a regional innovation and transformation network with more than 20 companies as well as universities, associations, municipalities and other institutions
- Advising companies on digital transformation, AI and technological development
- Conceptualization and implementation of the InnoBus with AI, robotics and on-demand production applications
- Conceptualization and delivery of workshops and events connecting business, academia, politics and education

10/2021 – 09/2023 – DAK-Gesundheit, Technology Center

Development Engineer – RPA (Robotic Process Automation)

- Analysis and automation of labor-intensive business processes using Robotic Process Automation

10/2018 – 09/2021 – Dücker Conveyor Systems GmbH

Data Analytics & Simulation Specialist / Development Engineer

- Further development and commissioning of industrial software solutions in cooperation with PLC/automation teams, including customer training
- Responsibility for customer and plant data and development of a modular tool for automated data analysis and reporting
- Temporary responsibility for cross-departmental resource management in coordination with the managers of the technical departments
- Creation and analysis of complete 3D simulations of planned production facilities to support engineering, sales and marketing

05/2016 – 09/2018 – Viking Heat Engines Germany GmbH

Development Engineer | IoT, AI & Process Automation

- Independent design and development of an IoT monitoring and automation architecture for approximately 15 energy plants in around 10 countries
- Development of automated solutions for monitoring, reporting, alarm management and predictive maintenance, including an MLP-based system for early fault detection
- Technical leadership and coordination responsibility within the Service organization and interface between Development, Service and Sales
- Development of a tool for automated generation of P&ID drawings and calculations

Diako Farooghi

📍 Address: Möbeck 63, 42327 Wuppertal 📞 Mobile: +49 (160) 520 4425 ✉ E-Mail: diako@farooghi.de

- Digitalization and automation of technical and sales processes to improve service quality and internal efficiency

10/2015 – 02/2016 – Corway-PLM Solutions GmbH

Project Engineer

- Implementation and customization of Product Lifecycle / Product Data Management (PLM/PDM) systems

02/2013 – 06/2015 – University of Wuppertal

Research Associate – Mechanical Engineering

- Design and automation of complex drive systems
- Development of test benches for optimization of industrial processes
- Training and teaching activities in mechanical engineering

12/2010 – 03/2012 – Hilti AG (Iran)

Product Manager & Firestop Specialist

- Responsibility for product management and market development in Firestop, power tools and measurement technologies, including sales and budget responsibility
- Technical and disciplinary leadership as well as training and technical support of the sales organization
- Technical consulting for customers, architects and engineers as well as delivery of training for more than 100 employees
- Contributed to the integration of Hilti Firestop solutions into national Iranian building regulations and developed new applications for the elevator industry
- Development of a technical Firestop handbook and a tool for market, competitor and customer analysis

11/2008 – 07/2010 – KONE Elevators & Escalators (Iran)

Project Manager – Major Projects

- End-to-end responsibility for complex elevator projects from planning and engineering through installation, acceptance and customer handover
- Management of up to 10 projects in parallel with responsibility for schedules, costs, resources and quality
- Technical and operational leadership of shaft-preparation and installation teams as well as coordination of external partners
- Main interface with clients, architects, general contractors, technical experts and internal departments
- Successful delivery of more than 150 elevators, including 115 within the Tehran Metro major project

Academic Education

2012–2013: German as a Foreign Language – University of Wuppertal

2006–2009: M.Sc. Mechatronics – K.N. Toosi University of Technology

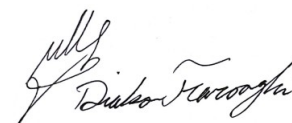
- Master's thesis: Development of a driving system for autonomous driving based on neural-network methods

2001–2006: B.Sc. Mechanical Engineering – Azad University

- Bachelor's thesis: Design of mechanical components for a moving walkway for Tehran Airport

Community Engagement: Volunteer Fire Department Wuppertal (2014–2019) | Buddy Program & Doctoral Student Representation, University of Wuppertal (2013–2016)

Interests & Hobbies: AI & Automation | Music | Skiing & Tennis



Wuppertal, 17 August 2026