

SINA RAZI

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EDUCATION

M.Sc. in Artificial Intelligence

[Friedrich-Alexander Universität Erlangen-Nürnberg](#)

📅 Oct, 2022 - Present

📍 Erlangen, Germany

B.Sc. in Computer Engineering

[University of Tabriz](#)

📅 Sep, 2018 - Sep, 2022

📍 Tabriz, Iran

GPA : 1.5 (18.12/20)

PROFESSIONAL EXPERIENCES

Working Student, R&D

[Procter & Gamble](#)

📅 Feb, 2023 - Present

📍 Schwalbach am Taunus, Germany

- Participating in AI-powered baby care products optimization projects in the R&D department.
- IT support and software management for the team.
- Getting hands-on experience in Git, Linux and Python frameworks.
- Creating Power BI dashboards and using Office tools.

Intern, IT

[Petrochemical Company of Oroumieh](#)

📅 Feb, 2021 - Jun, 2021

📍 Oroumieh, Iran

- Mandatory internship at Petrochemical Company of Oroumieh as part of my B.Sc. in Information Technology.
- Working with real-world and industrial applications.
- Providing my department with IT support and server access.

PROFESSIONAL PROJECTS

Diffusion Models and GAN for Procter and Gamble

- Implementation of generative algorithms and a prompting system to develop a vision system for diapers and create a new dataset from the previous ones.

U-Net for Procter and Gamble

- Developed a segmentation algorithm for 3D/2D microscopic data of our product line.

Data Visualization and Probability Simulation at Procter and Gamble

- Simulate the speed of a manufacturing line in a P&G factory in Germany using an algorithm based on statistical models.

PERSONAL PROJECTS

Head Tracking of Hexbugs

- Competition seminar's project at the University of Erlangen-Nuremberg to develop an AI-driven head tracking algorithm for moving toys, called Hexbugs.

[Froth Flotation Process through Computer Vision - GitHub](#)

- Bachelor's thesis project on Object Detection in the Flotation Process using SSD architecture.

SKILLS

Programming Languages

Python

C/ C++

Java Script

SQL

HTML/ CSS

Frameworks and Libraries

Pytorch

TensorFlow

Keras

Scikit-Learn

NumPy

OpenCV

Django

SciPy

Pandas

Other Skills

Git/ GitHub

Tableau

Power BI

Linux

Office

INTERESTS

Artificial Intelligence

Machine Learning

Deep Learning

Software Engineering

Data Analytic

IT Management

LANGUAGES

- English (Advanced)

- German (Elementary)

- Turkish (Native)

- Persian (Native)