EDUCATION

Master of Science in Bioinformatics   October 2024 – now

Saarland University, Saarland, Germany
Selected Courses: Algorithms and Data Structures, Neural Networks, Elements of Machine Learning

Bachelor of Science in Biomedical Engineering   September 2017 – September 2021

(GPA: 16.55/20)
University of Tabriz, Tabriz, Iran
Selected Courses: Medical Information Technology, Computer Programming, Mathematics 1 and 2,
Biological and Computational Intelligence, Biostatistics, Biophysics, Biochemistry, Medical Physics
Final Project: "Designing a Digital Feedforward Dynamic Range Compressor for hearing aids"
(Grade achieved: 20/20)

WORK EXPERIENCE

Mathematics teacher (part-time)   April 2020 – September 2023

Hallaj Mathematics Academy

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SELECTED PROJECTS

ADHD diagnosis from rs-fMRI data using deep learning methods   November 2023 – December 2023
(Using Python) Dataset: ADHD-200 NYU dataset

Chest X-Ray Medical Diagnosis with Deep Learning   June 2023 – September 2023
(Using Python) Dataset: ChestX-ray8 dataset

Brain Tumor Auto-Segmentation for Magnetic Resonance Imaging   June 2023 – September 2023
(Using Python) Dataset: Decathlon 10 Challenge dataset

Object detection project: Detecting Hexbug heads in videos   July 2023
(Using Python) Dataset: AnkiLab(Traco Repository) Hexbugs dataset on GitHub

Object detection project: Real-time Vehicle detection, tracking, and counting (YOLOv8)   July 2023
(Using Python, YOLOV8) Dataset: Roboflow dataset

LANGUAGE SKILLS

English: C1
    * TOEFL exam Score: 104 (Reading: 28   Listening: 28   Speaking: 23   Writing: 25)   Test date: April 12, 2023
German: A2
Turkish: C1
Mother tongue: Azerbaijani, Persian

SKILLS

Skill	Level	Skill	Level
Python Programming	●●●●●○	NumPy	●●●●○○
R Programming	●●○○○○	Matplotlib	●●●●●○
C++	●●●●○○	Streamlit	●●●●○○
TensorFlow	●●●●○○	Jupiter Notebook, VS Code	●●●●●○
Scikitlearn	●●●●○○	GIT and GitHub	●●●●●○
Pandas	●●●●●○	MATLAB	●●●●●○

MEMBERSHIPS

Member of Ayaz astronomical society   Ongoing

Board member of student scientific association of biomedical engineering   October 2019 – June 2020
Faculty of Electrical and Computer Engineering, University of Tabriz

Member of the executive team of the biomedical engineering conference   September 2019
 University of Tabriz

REFERENCES

CEO of Bonyan Mechatronic Gostar Spoota Company
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