

Furkan Eşref Yazıcı

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Summary

As an interdisciplinary researcher, my focus lies in the field of deep learning, particularly computer vision. I have extensive experience conducting research across various domains and topics. Additionally, I have served as an event organizer, demonstrating my leadership and teamwork capabilities, along with strong social skills.

Education

Middle East Technical University

Sep 2018 - Jun 2025

Bachelor's, Physics

- Final Project: "Physics Informed Neural Networks on Quantum Computers"
- Extra Courses: CENG 501: Deep Learning, PHYS 409: Condensed Matter, PHYS 312: Elementary Solid State, PHYS 495: Group Theory, PHYS 444: Computational Physics II

Experience

Qavis

Remote

Quantum Software Engineer

Jun 2024 - Present

- Developed advanced logistics algorithms utilizing Quantum Computing to optimize cargo with neural networks and helped on routing algorithms. Built and designed website using React for microservice powered by FastAPI.
- Collaborated with investors and partner companies to assist the CEO in fundraising and business development activities.

Simply Complex Lab

Ankara, Türkiye

Undergraduate Research Assistant

Nov 2021 - Jun 2023

- The laboratory's research area centers on intricate, far-from-equilibrium phenomena. I was actively helped on the development of Python code to assess causality resulting from interparticle collisions. Supervisor: Dr. Serim Ilday

QTurkey

Remote

Outreach Coordinator

Sep 2021 - Jan 2023

- The aim of the QTurkey (Quantum Turkey) community is to spread quantum technologies and raise awareness through events held in Turkey.
- As the Outreach Team, our aim is to ensure the growth of the QTurkey community, establish domestic and international collaborations, and to keep the QTurkey family active by organizing new events.

QWorld

Remote

Project Coordinator Intern

Jul 2021 - Aug 2021

- The project is included the website and classification of all courses and related stuffs. The website is: qmap.qworld.net

ALTINAY Technology Group

İstanbul, Türkiye

Industrial Automation Technician

Jul 2017 - Aug 2017

- As an intern, I held the position of Industrial Automation Technician, where I actively participated in the assembly of robotic systems for electric panels, catering to the needs of various automotive companies.

KANCA Forging

Electrical Maintenance Technician

Çayırova, Kocaeli, Türkiye

Jul 2016 - Aug 2016

- I served as an Electrical Maintenance Technician within the textile industry, where my responsibilities included diagnosing and resolving electrical issues in machinery.

Certifications

- **IBM Data Science Professional Certificate,**
- **Google Data Analytics Professional Certificate,**

Skills

- **Skills:** BigQuery, Canva, Computer Vision, Data Science, Git, R, NumPy, Pytorch, Rust, SQL, Tableau, Tensorflow, Natural Language Processing (NLP), Python, PowerPoint/Keynote/Slides, SolidWorks, Solidity, Blockchain, SpaCy, FastAPI, Django, React.js, C/C++, Docker, Digital Ocean
- **Languages:** Turkish, English