

Umut Gökdemir

April 28, 2024

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in /in/umutgokdemir/ 🌐 LittleBigPluton
👤 MSc. in Bohrdt Team 🏠 Regensburg/Germany



Experience

Functional Genomics Lab - Prof. Peter Oefner

DESI-MSI data visualization

Molecular value comparison of different scans

Detection of tissue sections of DESI-MSI data
with K-means algorithm.

Regensburg, Germany

[Source Code - GitHub](#)

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Education

Regensburg University

M.Sc. in Computational Science

Middle East Technical University

BSc. in Physics (*GPA: 2.94/4.00*)

Regensburg University (Erasmus)

Department of Physics

Regensburg, Germany

04.2021 – Current

Ankara, Turkey

09.2015 – 02.2021

Regensburg, Germany

10.2018 – 02.2019

Projects

Analyzing Rydberg Dressed Atoms using DFT

Graduation Project, Department of Physics, METU

Advisor: Assoc. Prof. Hande Toffoli

10.2019 – 06.2020

Skills

Programming:

Python, C++, OOP, GitHub, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn

Professional:

GIMP, Linux, LaTeX and MS Office program

Language:

Turkish (Native), English (Fluent, C1), German (A1)

Communities

CAMADAN Scouting, Youth and Sport Club

Scout

09.2009 – 04.2014

Leader

04.2014 – 09.2019

Administrator

09.2019 – 04.2021

uM die ecKe! - Regensburg

Organisation team

11.2021 - Current

Certificates

Global AI Hub

Introduction to Machine Learning

12.2021

Hands-on Data Visualization with Python

01.2022

Data Analyse	02.2022
Python Bootcamp	07.2022
Deep Learning Bootcamp	10.2022
Python for Machine Learning International Bootcamp	10.2022