

# Umut Gökdemir

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paw MSc. in Bohrdt Team

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⌚ LittleBigPluto  
🏡 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

Regensburg, Germany

04.2021 – Current

Ankara, Turkey

### Middle East Technical University

BSc. in Physics (GPA: 2.94/4.00)

09.2015 – 02.2021

### Regensburg University (Erasmus)

Department of Physics

Regensburg, Germany

10.2018 – 02.2019

## Projects

### Analyzing Rydberg Dressed Atoms using DFT

10.2019 – 06.2020

Graduation Project, Department of Physics, METU

Advisor: Assoc. Prof. Hande Toffoli

## 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

09.2009 – 04.2014

Scout

04.2014 – 09.2019

Leader

09.2019 – 04.2021

Administrator

## Certificates

### Global AI Hub

Introduction to Machine Learning

12.2021

Hands-on Data Visualization with Python

01.2022

### uM die ecKe! - Regensburg

11.2021 - Current

Organisation team

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