

Batuhan Gündüz (MSc Student)

[Freisinger Landstraße 88 App2051, 80939 München](#) | +49 176 2424 5708 | e231529@gmail.com

[LinkedIn](#) | [GitHub](#) | Date of Birth: 08 May 1999

EDUCATION

MSc. Informatics, *Technical University of Munich*, GPA: 2.2/1.0 (April 2023 – Present)

BSc. Computer Engineering, *METU Northern Cyprus Campus*, GPA: 3.3/4.0 (August 2017 – July 2022)

EXPERIENCES

Interdisciplinary Project, Legalian March 2024 – June 2024

- Developing data labelling software for AI and machine learning
- Focusing on legal data and document annotation via React.js and Flask
- Annotation tool implementation from scratch with React.js using Typescript

Intern, Badem Bilgi Bilişim Feb 2022 - Mar 2022

- Forecasting time series to predict stock prices using AI
- Tools: scikit-learn, Facebook Prophet

Intern, Elektra Elektronik Jul 2021 - Sep 2021

- Implementing a PWM signal controller and generator using VHDL programming language.

Student Teaching Assistant, METU Northern Cyprus Campus Duration: Four semesters

- Assisting in lab sessions and helped students with programming problems four semesters.

PROJECTS

Analysis of QML model applied on Fourier Series

Link: [Github Code and Paper](#)

- Simulating Fourier Sum on some degree with Quantum Computers based on an article.
- Tools: Qiskit, Scipy

HackaTUM Project, November 2024

- Developing a recursive call back function that allows selected code to be optimized by ChatGPT API
- Implementing a frontend using react.js to interact with the application

Covid Tracking System with Android Studio (Graduation Project)

Links: [Application Demo](#) | [Report](#)

- Implementing Bluetooth connection via altbeacons
- Android development with Java Sprint Boot backend with React native GUI
- Efficiency testing to simulate battery usage with OMNeT++

KEY SKILLS

Technical: React.js with typescript, Foundations of OOP using C/C++ and Java, Python, HTML, CSS using bootstrap, react-native to develop Android App, MySQL, PostgreSQL, NoSQL, Scikit-learn, pytorch, huggingface.

Language: English [C1], German [A2], Turkish [Native]

Hobbies: [Go](#), Chess, Dancing, Basketball