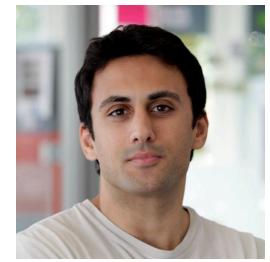# OGUZHAN YETIMOGLU

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 oguzhanyetimoglu | in oguzhan-yetimoglu

PROFILE

Computer-science MSc candidate at the Technical University of Munich, finishing my master's thesis in collaboration with Siemens (expected Sep 2025). 2+ years of hands-on experience as a working-student software engineer in cloud-native, full-stack, and DevOps environments. Seeking a full-time Software/DevOps Engineer role in Munich from Oct 2025.

SKILLS

Programming & Scripting: Python | TypeScript/JavaScript | Java | C++

Cloud & DevOps: Docker | CI/CD | Kubernetes (K8s) | Linux | Google Cloud Platform (GCP) | Amazon Web Services (AWS)

Data & ML: Pandas | NumPy | SciPy | Matplotlib | Sklearn| Machine Learning (ML) | Deep Learning (DL) | Data Science | Natural Language Processing (NLP) | Large Language Models (LLM) | fine-tuning

Databases & Storage: PostgreSQL | MySQL | MongoDB

Tools & UI: Git | Tailwind CSS | Material UI | Object-Oriented Programming (OOP)

PROFESSIONAL EXPERIENCE

Siemens (Munich), Working Student   *Jun '24 - Present*
– Modernised a security analytics tool (Java, Docker, Azure, Apache NiFi) for real-time data flows.
– Built an LLM-based network intrusion detection module (NIDS) to flag threats within the pipeline.
– Introduced CI/CD container workflows, reducing manual deployment effort and downtime.

Ludwig Maximilian University (Munich), Graduate Research Assistant   *Oct '23 - Jun '24*
– Automated large-scale data cleaning & ETL with Python; ran ML/statistical analyses on Linux clusters.
– Optimised job scheduling to maximise cluster throughput and resource use.

Aimyca GmbH (Munich), Software Engineering Working Student   *Mar '22 - Mar '23*
– Delivered full-stack features (Python, Node.js, React, Vue, REST APIs) in an agile (SCRUM) SaaS environment.
– Set up Docker-based CI/CD on Google Cloud (GCP) for scalable, secure releases.
– Fine-tuned Large Language Models to boost user-interaction quality and data-processing accuracy.

NETLAB, Bogazici University (Istanbul), Graduate Research Assistant   *Feb '20 - Dec '21*
– Worked on a Turkey Scientific and Technical Research Council (TÜBİTAK)-funded NETLAB projects with an interdisciplinary research team (Boun NRG), translating theoretical models into production-level Python/C++ codes and testbeds.
– Guided 3 undergraduate students in 2 different senior projects, one winning first prize.

Additional Internships (Istanbul)   *'18 - '19*
Idea Software Solutions · CTECH Informatics Technology · Veripark Software — Projects in NLP, ML, and database development.

EDUCATION

Technical University of Munich (Munich) – M.Sc. Computer Science   *Sep '21 - Jul '25*
Bogazici University (Istanbul) – M.Sc. Computer Engineering (GPA: 1.0)   *Sep '19 - Sep '22*
Bogazici University (Istanbul) – B.Sc. Computer Engineering   *Sep '14 - Jul '19*

SELECTED PROJECTS

FinK Analytica — Internal web platform for financial text analysis (Vue.js, Nuxt.js, Python, Django, TypeScript, PostgreSQL).
Elysio.ai — AI-driven fashion-tech app enabling customised digital replicas (React, TypeScript, FastAPI, Python, Material UI).

PUBLICATIONS

1 journal & 3 conference papers in signal processing and molecular communication— full list on request.

LANGUAGES

Turkish (Native) · English (Fluent – C1) · German (A2 – in progress)