

Kaya Meriç Engin

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WORK EXPERIENCE

Koç University

April 2025 - Present

AI Research Intern

Istanbul, Türkiye

- Developing and defining BNF (Backus-Naur Form) rules, morphological patterns, and syntactic structures for low-resource languages. This work contributes to the creation of a structured linguistic dataset, aimed at enabling large language models (LLMs) to accurately interpret and solve Linguistic Olympiad-style problems involving low-resource languages. @GGLab Koç University.

Mars Athletic Club

May 2024 - October 2025

Software Developer | Sep. 2024 - October 2025

Istanbul, Türkiye

- Collaborated with cross-functional teams (design, back-end, QA) to deliver features and improve products.
- Applied best practices in state management using tools like NgRx and RxJS to handle complex app states.
- Actively participated in Agile/Scrum processes, contributing to sprint planning, daily stand ups, and retrospectives.
- Participated in development of many projects and products mainly using Angular TypeScript, and Bootstrap, ensuring seamless performance and scalability.
- Built AI solutions such as a RAG-driven internal chatbot, a Copilot Studio Teams bot, and a custom GPT that assists employees across multiple departments.

Technology Intern | May. 2024 - Sep. 2024

Istanbul, Türkiye

- Mars Athletic Club (MAC) is a leading fitness and wellness organization in Türkiye, offering a wide range of services including personalized training, group fitness classes, and high-intensity interval training (HIIT). With over 100 locations across 13 cities, MAC caters to thousands of members daily, providing modern fitness solutions through innovative programs, cutting-edge facilities, and a dedicated mobile app for virtual workouts.
- Developed Dynamic web applications using Angular and TypeScript, ensuring high performance and scalability.
- Styled responsive web interfaces with Bootstrap, optimizing for mobile-first designs.
- Integrated RESTful APIs to enhance data-driven user interactions.

GUESS? Inc.

Aug. 2022 - Nov. 2023

Sales Representative / Key holder

Istanbul, Türkiye

- Managed customer interactions and sales transactions.
- Mentored new staff in customer service skills.
- Managed teams of sales representatives.

Just English Language & TOEFL Center

Nov. 2021 - Oct. 2022

German and English Teacher

Istanbul, Türkiye

- Just English Language & TOEFL Center offers comprehensive language education and test preparation.
- Conducted classes in German and English, focusing on language acquisition.
- Utilized linguistic expertise for effective teaching.

EDUCATION

Istanbul University

2019 - 2024

Bachelor's Degree in German Language and Literature

Istanbul, Türkiye

- **GPA: 3.61/4.0;** Graduated with Magna Cum Laude

University Of Stuttgart

Master Of Science in Computational Linguistics

2025 - 2027

Stuttgart, Germany

- **Scholarship:** Awarded the TEV-DAAD Master Stipendium, a prestigious joint scholarship by Türk Eğitim Vakfı (TEV) and Deutscher Akademischer Austauschdienst (DAAD), granted to highly qualified students for excellence and potential in graduate studies in Germany.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** IELTS - Score: 8.0; Understanding TypeScript - Maximilian Schwarzmüller; Machine Learning Specialization - Andrew Ng (Coursera); Python for Everybody - University of Michigan (Coursera); Meta Front-End Developer Certificate - Meta (Coursera); NLP Specialization - Andrew Ng (Coursera)
- **Technologies:** HTML; CSS; Bootstrap; JavaScript; TypeScript; React; Angular; Node.js; Python; FastAPI; NumPy; Pandas; spaCy; NLTK; Scikit-learn; PyTorch
- **Skills:** Problem Solving; Collaboration & Teamwork; Communication; Adaptability; Linguistics; Software Development; Web Development; NLP; Machine Learning; Deep Learning
- **Languages:** German; English; Turkish
- **Interests:** NLP; Computational Linguistics; Artificial Intelligence; Language Technologies