



Mert Samet Kayacıoğlu

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Education

Galatasaray University — Computer Engineering Student *August 2021 – Present*
– Faculty of Engineering and Technology, Department of Computer Engineering.

Work Experience

Digiturk - Bein Media Group — Networking Intern *July 2024 – August 2024*
– Worked as part of the Digiturk network team. Configured VLANs, participated in switch/router troubleshooting, and monitored network traffic.

Borusan Boru — Software Developer Intern *July 2025 – September 2025*
– Gained experience across ERP and MES systems, web development, information security, database management, and network administration.

Technical Skills

- **Programming Languages:** Python, SQL, C, C++, Java
- **Machine Learning & Data Science:**
 - Supervised & Unsupervised Learning, Model Selection, Cross-Validation
 - NLP Pipeline Design, Text Preprocessing, Tokenization, Embedding Methods
 - Transformer-based NLP, Sequence-to-Sequence Models, Attention Mechanisms
 - Text Summarization (Extractive & Abstractive), Evaluation with ROUGE/BLEU
 - Feature Engineering, Error Analysis, Experiment Tracking
 - Statistical Analysis and Data-Driven Problem Solving
- **Libraries & Frameworks:** NumPy, Pandas, Scikit-learn, PyTorch, Matplotlib, Seaborn
- **Tools & Technologies:** Jupyter, Git, Docker, Linux, Bash

Languages

- Turkish — Native
- English — Intermediate (Preparing for IELTS)
- French — Intermediate

Certificates

- DELF B2

Projects

NLP Text Summarization: Training a Model for News Summarization and Headline Generation
November 2025 – Present



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Éducation

Université Galatasaray — Étudiant en Génie Informatique *Août 2021 – Présent*
– Faculté d'Ingénierie et de Technologie, Département de génie Informatique.

Expérience Professionnelle

Digiturk - Bein Media Group — Stagiaire Network *Juillet 2024 – Août 2024*
– Participation à l'équipe ISP : configuration de VLANs, dépannage de switchs/routeurs, surveillance du trafic réseau.

Borusan Boru — Stagiaire Software Developer *Juillet 2025 – Septembre 2025*
– Expérience multidisciplinaire en systèmes ERP/MES, développement web, cybersécurité, gestion de bases de données et administration réseau.

Compétences Techniques

- **Langages de Programmation** : Python, SQL, C, C++, Java
- **Machine Learning & Data Science** :
 - Apprentissage supervisé & non supervisé, sélection de modèles, validation croisée
 - Conception de pipelines NLP, prétraitement de texte, tokenisation, embeddings
 - NLP basé sur Transformers, modèles séquence-à-séquence, mécanismes d'attention
 - Résumé automatique de texte (extractif & abstractive), évaluation avec ROUGE/BLEU
 - Feature engineering, analyse d'erreurs, suivi d'expériences
 - Analyse statistique et résolution de problèmes orientée données
- **Bibliothèques & Frameworks** : NumPy, Pandas, Scikit-learn, PyTorch, Matplotlib, Seaborn
- **Outils** : Jupyter, Git, Docker, Linux, Bash

Langues

- Turc — Langue maternelle
- Anglais — Intermédiaire (Préparation IELTS)
- Français — Intermédiaire

Certificats

- DELF B2

Projets

Résumé de Texte en NLP : Entraînement d'un Modèle de Résumé et Génération de Titres à partir d'Articles de Presse *Novembre 2025 – Présent*



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Eğitim

Galatasaray Üniversitesi — Bilgisayar Mühendisliği Öğrencisi *Ağustos 2021 – Günümüz*
– Mühendislik ve Teknoloji Fakültesi, Bilgisayar Mühendisliği Bölümü.

İş Deneyimi

Digiturk - Bein Media Group — Network Stajyeri *Temmuz 2024 – Ağustos 2024*
– Digiturk Network Ekibinde görev aldım. VLAN yapılandırmaları, switch/router sorun giderme, ağ trafiği izleme üzerine deneyim kazandım.

Borusan Boru — Yazılım Geliştirme Stajyeri *Temmuz 2025 – Eylül 2025*
– ERP ve MES sistemleri, web geliştirme, bilgi güvenliği, veritabanı yönetimi ve ağ yönetimi alanlarında disiplinler arası çalışma deneyimi kazandım.

Teknik Beceriler

- **Programlama Dilleri:** Python, SQL, C, C++, Java
- **Makine Öğrenimi & Veri Bilimi:**
 - Denetimli/Denetimsiz Öğrenme, Model Seçimi, Çapraz Doğrulama
 - NLP Pipeline Tasarımı, Metin Ön İşleme, Tokenization, Embedding Yöntemleri
 - Transformer Tabanlı NLP, Sequence-to-Sequence Modeller, Attention Mekanizmaları
 - Metin Özetleme (Extractive & Abstractive), ROUGE/BLEU ile Değerlendirme
 - Feature Engineering, Hata Analizi, Deney Takibi
 - İstatistiksel Analiz ve Veri Odaklı Problem Çözme
- **Kütüphaneler & Frameworkler:** NumPy, Pandas, Scikit-learn, PyTorch, Matplotlib, Seaborn
- **Araçlar:** Jupyter, Git, Docker, Linux, Bash

Diller

- Türkçe — Ana Dil
- İngilizce — Orta Seviye (IELTS hazırlık)
- Fransızca — Orta Seviye

Sertifikalar

- DELF B2

Projeler

NLP, Metin Özetleme: Haber Metinlerinden Özet ve Başlık Çıkaran Model Eğitimi *Kasım 2025 – ...*