

Berkay Bostan

Curriculum Vitae

Contact

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Education

BA English Linguistics

Hacettepe University (Ankara, TR)

Undergraduate Student(GPA: 3.66)

Nov 2022 - Present

Study Abroad

Summer School

Participated in ESSLLI 2025 – the 35th European Summer School in Logic, Language and Information (Bochum, Germany), engaging in collaborative learning environments designed for graduate and advanced undergraduate students.

-Attended advanced and foundational, such as Linguistics Data Science, courses and workshops on topics at the intersection of linguistics, logic, and computation.

Jul 2025 – Aug 2025

Erasmus Program

Studied abroad at Ghent University, Belgium, as a funded guest student under the Erasmus Program in the Faculty of Arts and Philosophy.

Relevant Courses: Bantu Corpus Linguistics and Lexicography (MA Course) and Language Documentation and Description in Africa (both taught by Prof. Dr. Gilles-Maurice de Schryver), and Introduction to Translation Technology.

Sep 2023 – Feb 2024

Refereed Conference Proceedings

I. Kaya, A. Ç., Bostan, B., & Uzun, İ. P. (2026, April). Looking for harmony: Eye-tracking evidence for morphophonological mismatches in Turkish [Poster presentation]. 13th Novi Sad Workshop on Psycholinguistic, Neurolinguistic and Clinical Linguistic Research, Novi Sad University, Novi Sad, Serbia.

II. Bostan, B (2026, April). TREN: Kod Değişirme Verileri İçin Bir Derlem Etiketleme Uygulaması [Poster presentation]. 39th National Linguistics Congress, Çukurova University, Adana, Türkiye.

III. Bostan, B (2026, April). TREN: A Corpus Annotation Tool for Code-Switching Data [Oral presentation]. 19th Student Conference of Linguistics, Istanbul University, Istanbul, Türkiye.

IV. Kaya, A. Ç., Bostan, B., & Uzun, İ. P. (2025, September). Eyes on the pupil size: Pupillary sensitivity to morphophonological mismatches in Turkish [Oral presentation]. 22nd International Conference on Turkish Linguistics, Dokuz Eylül University, İzmir, Türkiye.

V. Bostan, B. (2025, May). Türkçe-İngilizce Kod Değişirme Bağlamında Bağımsız Biçimbirimi Kısıtına Yönelik Bir İnceleme [Poster presentation]. 38th National Linguistics Congress, Atatürk University, Erzurum, Türkiye.

VI. Bostan, B. (2025, April). Türkçe-İngilizce Kod Değişirme Bağlamında Bağımsız Biçimbirimi Kısıtına Yönelik Bir İnceleme [Oral presentation]. 18th Student Conference of Linguistics, Necmettin Erbakan University, Konya, Türkiye

Experiences

**Research Internship, Ankara University Brain Research Center Laboratory (AUBAUM / AU-BRC)
& Ankara University Phonetics Laboratory**

-Gained insights on collecting eye-tracking data and trained in psycholinguistics research methodologies during a laboratory internship at the Brain Research Center.

Oct 2024 – Nov 2025

- Developed teamwork skills while collaborating in a laboratory setting.
- Assisted to project on phonetic formant and prosodic analyses.
- Gained experiences in statistical analyses(GAMM, LMM) for researches.

Scholarly Help

Oct 2024 – Feb 2025

- Investigating “Acoustic Phonological Aspects of the Production Processes of Turkish Compound Words in Spoken Language”.
- Actively involved in stages of this TÜBİTAK-funded project 223K318 (1002-A), contributing to its objectives under the supervision of Dr. İpek Pınar Uzun.
- Engaged in acoustic phonological analyses, raw data annotation, using Praat and ProsodyPro.

Non-academic Experience

Volunteer Language Instructor

July 2022- Aug 2022

- Both primary and middle school students were taught English through structured lessons, covering grammar, vocabulary, reading comprehension, and speaking practice. To enhance learning, customized activities and interactive materials were designed, ensuring alignment with varying proficiency levels and individual learning styles.

Research Software & Scripts

TREN: A Corpus Annotation Tool for Code-Switching Data (<https://bostanberkay.github.io/TREN/>)

A semi-automatic annotation application for Turkish–English code-switching research that supports token-level language labeling, morphology-aware glossing and interactive manual supervision for building linguistically annotated corpora.

Turkish–English Intra-Word Code-Switching Corpus (<https://bostanberkay.github.io/turkish-english-intraword-code-switching-corpus/>)

An annotated corpus of Turkish–English intra-word code-switching collected from Reddit and processed with the TREN annotation system, including token-level language labels and Leipzig-style morphological glossing.

Add Silence at Beginning and End of Audio Files (https://github.com/bostanberkay/add_silence_beg_and_end_praat_script)

A Praat script for batch processing of audio files by inserting controlled silence or white noise at the beginning and end of each file for standardized acoustic experiment stimuli.

PClbex Online Accuracy Task (<https://github.com/bostanberkay/turkish-vowel-harmony-online-accuracy-task>)

A PClbex-based online experiment script that measures participants’ accuracy and reaction times in judging congruency of pseudowords.

Memberships & Scholarly Affiliations

Hacettepe University Linguistics Community, 2025 – Present (Academic Coordinator), 2022 – Present (Member)

International Phonetic Association, 2025 – Present (Member)

International Cognitive Linguistics Association, 2025 – Present (Member)

Generative Linguistics in the Old World (GLOW), 2024 – Present (Member)

Languages

Turkish, Native

English, C1

German, A1

Mandarin, A1

Skills

Annotation & Corpus: Praat · ELAN · TshwaneLex · AntConc · SketchEngine

Experiment Tools: SR Research Experiment Builder and Data Viewer · PennController for IBEX · EyeLink 1000+ ETS and Pupillometry

Programming & Statistics: Python · JavaScript · R · LaTeX