Taha Husain

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Education

Brandeis University   **Waltham, MA**
M.S. | Computational Linguistics   *2020–2022*
University of Kentucky   **Lexington, KY**
M.A. | Linguistic Theory and Typology   *2018–2020*
B.S. | Linguistics, Neuroscience   *2015–2019*

Skills

Programming Languages: Python, R, Java

Software Tools: scikit-learn, NumPy, Flask, LaTeX, Mathematica, Praat, ggplot2

- Experienced in NLP, data mining & annotation, corpus construction, phonetic analysis

Research Projects

Implosives in U.S. dialects | *ELAN, Praat, Python, R*   *Presented at NWAV 2018 (NYU)*
- Parsed American English audio data to determine phonetic correlates of implosive consonants
- Bootstrapped phonetic categories of voiced stops through social contexts of speech

CHILDES data analysis | *Python*   *Presented at MACALA 2018 (PSU)*
- Collected French text data from the CHILDES corpus (parent-child conversation)
- Extracted data on adjective position and other features relevant to first language acquisition

Attic Greek play discourse | *Java, R*
                         Presented at A Corpus and Usage-based Approach to Ancient Greek 2018 (LU)
- Scraped and cleaned text data of Attic Greek plays from various online sources
- Described use of discourse particles based on speaker demographics and conversational features

Work Experience

2020 **Head Teaching Assistant, LING 120B**   BRANDEIS UNIVERSITY
Lead a group of Teaching Assistants in LING 120B: Syntactic Theory, an introductory course on English syntax

2019-2020 **Instructor, LIN 211**   UK DEPT. OF LINGUISTICS
Lectured and graded two sections of LIN 211: Introduction to the Study of Language, an introductory linguistics course broadly covering linguistic topics from phonetics to pragmatics

2015-2019 **Writing Tutor**   UK WRITING CENTER
Assisted international and domestic students in revising written work; large emphasis placed on improving English skills and appreciation of technical writing

2018-2019 **Research Assistant**   UK DEPT. OF LINGUISTICS
Collected and catalouged data for the Linguistic Atlas Project. Tasks included transcribing IPA and database organization.