Emre Hakgüder

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Education

University of Chicago	*M.A. & Ph.D. in Linguistics*	2015 - expected 2021	Chicago
Boğaziçi University	*M.A. in Linguistics*	2011 - 2015	Istanbul
Institut Jean-Nicod	*Scientific Mission*	2014	Paris
Florence Design Academy	*M.A. in Graphic Design*	2009 - 2010	Florence, Italy
Bahçeşehir University	*B.A. in Advertising*	2005 - 2009	Istanbul

Data Science & Natural Language Processing

Exos Financial *Claira*	*Tech Strategy Intern*	January - June 2020	New York City

- Created a machine learned text classifier that identifies the logical type of lists
- Classifier used in data mining from English legal documents

NetworkedInsights	*Data Science & Analytics Intern*	Summer 2019	Chicago

- Created a rules-based classifier that uses sentiment analysis to predict political stance from Twitter posts and follows linguistic rules to predict educational attainment from language performance
- Found a positive correlation between correct grammar and victim empathy (2018 Ford-Kavanaugh case)

University of Chicago	*Ph.D. Researcher*	2015 - Present	Chicago

- Created a ML model for sign languages that predicts signer behavior from (psycho)linguistic factors
- Found a positive correlation between the semantics and phonology of ASL with vector space analysis
- Created a vowel harmonic syllable parser for the Turkish lexicon

Data Analytics

spaCy, nltk, gensim	*Expert*
Python, JavaScript	*Advanced*
scikit-learn, pandas	*Advanced*
SQL, BigQuery	*Advanced*

Languages

Turkish	*Native*
English	*Fluent*
ASL	*Research*
Italian	*Conversational*

Visual & Design

Adobe CC Suite	*Expert*
3DsMax, Blender	*Expert*
html, CSS	*Advanced*
matplotlib, Tableau	*Advanced*

Teaching, Research & Administrative

University of Chicago	*Ph.D. Researcher and Lecturer*	2015 - Present	Chicago

- Taught Computational Linguistics, Syntax, Semantics, Structure of Turkish, American Deaf Community
- Designs experiments; travels and collects data from 40+ users of 5+ languages; designs annotation schemata and supervises 10+ research assistants. Makes predictive and descriptive analyses using Python

Boğaziçi University	*Researcher*	2011 - 2015	Istanbul

- Created and managed a 1500 hour-long corpus of Turkish Sign Language data from 100+ deaf signers

Chicago Linguistic Society	*Officer and Bookkeeper*	2016 - 2019	Chicago

- Organized the CLS 53 conference; Handled checks, recorded transactions and prepared reports