# Hande Sodacı
*Curriculum Vitae*

## ABOUT ME

Enthusiastic about psychology of multilingualism. Hard-working, curious to learn more, a critical and creative thinker. Respectful and appreciative. A big fan of search engines and comedy genre.

## PUBLICATIONS AND PREPRINTS

Sodacı, H., Backus, A., & Kootstra, G. J. (2019, February 13). Role of structural priming in contact-induced change: Subject pronoun expression in L1 Turkish by Turkish-Dutch bilinguals. PsyArxiv (preprint). DOI:10.31234/osf.io/2uxej

## EDUCATION

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|---|---|
| 2016 – 2018 | **Language & Communication** <br> RESEARCH MASTER <br> *Radboud University, Nijmegen (GPA : 8 / 10) (with cum laude)* |
| 2011 – 2016 | **Psychology** <br> BACHELOR OF ARTS <br> *Boğaziçi University, Istanbul (GPA: 3.21 / 4.00) (with Honors)* |
| 2014 – 2016 | **Linguistics** <br> CERTIFICATE <br> *Boğaziçi University, Istanbul* |

## TECHNICAL SKILLS

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| SOFTWARE | MS Office Apps, SPSS, JASP, ELAN, OpenSesame, LaTeX |
| PROGRAMMING | R – Good, Python – Intermediate |
| OPERATION SYSTEMS | Windows, Linux |

## HONORS/AWARDS

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| 2016 – 2018 | **Holland Scholarship** <br> *The Dutch Ministry of Education, Culture and Science* |
| 2016 – 2018 | **Higher Education Scholarship for Studying Abroad** <br> *The Turkish Ministry of Youth and Sports* |
| 2011 – 2016 | **Higher Education Scholarship** <br> *The Turkish Ministry of Youth and Sports\** |

*This scholarship is offered to students ranked within the first 100 in National Student Selection and Placement Exam in Turkey.

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## LANGUAGES SPOKEN

| | |
|---|---|
| TURKISH | Native |
| ENGLISH | Toefl iBT = 104 |

## WORKSHOPS

**Summer Institute in Computational Social Science**
(Kadir Has University, June 17-28, 2019)

- Ethics in computational social science
- Text as data and automated text analysis
- Digital traces and web scraping
- Surveys in digital research
- Online experiments

**COM2017 Winterschool Multilingualism**
(University of Groningen, November 9-11, 2017)

- Analyses of lexical diversity using CHILDES and Coh-metrix (Prof. Jeanine Treffers-Daller)
- Eliciting, analyzing and assessing child narratives with MAIN (Multilingual Assessment Instrument for Narratives) (Prof. Ute Bohnacker)
- Language ideologies and the linguistic construction of social identities in multilingual settings (Prof. Janet Fuller)

## SCIENTIFIC ACTIVITIES

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| 2017 | **Exhibitor for the project L2TOR** <br> DRONGO LANGUAGE FESTIVAL |

## RESEARCH EXPERIENCE

JANUARY 2018 – AUGUST 2018
Radboud University, Nijmegen

***Master's thesis: Role of structural priming in contact-induced change***

In this project, I investigated the role of structural priming in the ongoing contact-induced change of subject pronoun expression in Turkish spoken in the Netherlands. Using a psycholinguistic experiment I explored 1) whether structural priming can be used as a tool for exploring changes in subject pronoun expression, 2) whether a bilingual mode can trigger language co-activation and result in a cross-linguistic structural priming effect on L1 subject pronoun expression, 3) whether language dominance modulates the structural priming effects. A full-text of the thesis can be reached here.
**Supervisors:** Prof. Dr. Ad Backus (Tilburg University), Dr. Gerrit Jan Kootstra (Radboud University)

OCTOBER 2017 – FEBRUARY 2018
Tilburg University, Tilburg

### Internship

I wrote a term paper on linguistic interdependence in Turkish-Dutch bilinguals, and conducted a qualitative analysis on a written-language corpus collected from the same target group and their monolingual Turkish-speaking peers to describe and compare the nature and frequency of errors the two groups have made. This internship taught me how to work with corpus data and provided me with the chance to reveal the consequences of Turkish-Dutch contact on academic writing skills.
**Supervisor:** Prof. Dr. Kutlay Yağmur

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FEBRUARY 2017 – FEBRUARY 2018
Tilburg University, Tilburg

### Project: The effect of L1 use in L2 tutoring using social robots

As a part of the H2020 project L2tor, I designed and ran an experiment with 4-year-old Turkish-Dutch bilingual children to explore the effect of using L1 in L2 tutoring. I had the opportunity to experience almost every step of an experimental project (e.g., experimental design, stimuli preparation, implementation of the lesson on the robot, pilot testing, data analysis) while collaborating with project partners from Utrecht University. This project is now at the stage of writing a publication.
**Supervisors:** Assoc. Prof. Paul Vogt, Asst. Prof. Rian Aarts

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JANUARY 2017 – JUNE 2017
Tilburg University, Tilburg

### Project: L2TOR – Second language tutoring using social robots

I conducted a literature search on the possible difficulties that Turkish-speaking children might face while learning Dutch as L2. I coded and analyzed qualitative data on nonverbal communication used in human tutoring contexts and helped to adapt the findings to robot tutoring contexts.
**Supervisors:** Prof. Dr. Emiel Krahmer, Assoc. Prof. Paul Vogt

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SEPTEMBER 2016 – JANUARY 2017
Radboud University, Nijmegen

### Project: Gesture rate transfer in the narratives of Turkish-Dutch heritage speakers

I assisted the researchers with the gesture coding and the data analysis. I learned how to do gesture coding using the software ELAN. It was the very first project where I learned about bilingualism, cross-language transfer and interaction and heritage speakers, which later became my research interests.
**Supervisors:** Prof. Dr. Aslı Özyürek, Zeynep Azar

APRIL 2016 – JUNE 2016
Boğaziçi University, Istanbul

### Project: Acquisition of complementation and case in Turkish

I assisted the researcher in data collection. This job required working with 4-year-old children.
**Supervisor:** Assoc. Prof. Dr. Mine Nakipoğlu

JULY 2015 – AUGUST 2015
Koç University, Istanbul

### Project: Facilitation of language development via short-term training

I assisted the researchers in data collection and analysis. This job required working with children.
**Supervisor:** Prof. Dr. Aylin Küntay

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APRIL 2015 – MAY 2015
Boğaziçi University, Istanbul

### Project: Morphological bootstrapping in acquisition of Turkish

As part of the course Language Acquisition, I designed and ran an experiment where I explored the role of morphological bootstrapping in word learning in 4- and 5-year-old Turkish-speaking children. It was an exciting project for it was the first time I worked with child participants.
**Supervisor:** Prof. Dr. Ayhan Aksu Koç

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FEBRUARY 2014 – MAY 2014
Boğaziçi University, Istanbul

### Project: False memory in L1 and L2

As final project of the course Experimental Psychology, I designed and ran an experiment where I investigated whether false memory phenomenon also occurs in L2. It was the first comprehensive experimental study I ever conducted as part of a small team. I learned so much regarding experimental design and procedures in this project.
**Supervisor:** Asst. Prof. Dr. Elif Aysimi Duman

## COURSES TAKEN

### Online

- Open Research Software and Open Source

### During Master studies

- Using and Acquiring Multiple Languages
- First Language Acquisition
- Multimodal Context of Language: Gesture and Sign Languages
- Language and the Senses
- Language and Thought
- Data Processing (with Python)
- Explorative Data Analysis (with R)

### During Bachelor studies

- Language Acquisition
- Psychology of Communication: Relations between Language and Cognition
- Brain and Language
- Experimental Psychology
- Introduction to Neuroscience: Brain and Behavior