

# Curriculum Vitae

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## Duygu Buga

BT7 1FS Belfast, Northern Ireland, UK

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### SUMMARY

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*A determined, aspired, passionate and diligent PhD researcher in Experimental Linguistics and Bilingualism with 4 publications.*

*An innovation and technology oriented ESL/EFL and TFL teacher with 11 years of experience in teaching a great deal of students in various age groups.*

### EDUCATION

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#### Ulster University

PhD Researcher - Linguistics

**Belfast, UK**

*Sept 1 - Present*

#### University of Trento

Master of Science in Cognitive Science (concentration: Language and Multimodal Interaction),

Thesis: *Investigating Neural Correlates of Emotional Stimuli in Italian-English Bilinguals: an fMRI study with the emotional Stroop task,*

Grade: 97 /110

**Trento, IT**

*October 2021*

#### Istanbul University

Bachelor of Arts in English Language Teaching

Honors: cum laude (GPA: 3.07/4.00)

**Istanbul, TR**

*July 2014*

#### Trakya University

Bachelor of Arts in English Language Teaching

Transferred to Istanbul University

**Edirne, TR**

*October 2012*

### WORK EXPERIENCE

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#### ITALKI HK,

English and Turkish Language Teacher (Online)

**Online**

*October 2021 - Present*

- Teaching English and Turkish as a foreign language to Kids, Teens and Adults
- Designing curriculum
- Creating daily, weekly and yearly plans
- Creating classroom activities and tasks for all levels (A1-C1)
- Tutoring for IELTS and GESE
- Testing and Assessment
- Designing interactive language learning materials for all age groups

**UNIVERSITY OF VITA-SALUTE SAN RAFFAELE,**

Research Intern

**Milan, IT***March 2021–July 2021*

- Master's internship and thesis research in Center for Neurolinguistics and Psycholinguistics (CNPL): investigating neural correlates of emotional stimuli in bilinguals

**KOÇ UNIVERSITY,**

Volunteer Research Assistant

**Istanbul, TR***September 2017–August 2018*

- Gesture and speech coding using ELAN under the supervision of Dr. Asli Aktan Erciyes in Language and Cognition Lab

**KALEV FOREIGN LANGUAGE SCHOOL - KADIKÖY**

English Language Teacher

**Istanbul, TR***September 2016–August 2019*

- Teaching English to young learners and teens
- Designing curriculum
- Creating daily, weekly and yearly plans
- Creating classroom activities for all levels (A1-B2)
- Creating tasks
- Evaluating course books
- Testing and Assessment

**TUZLA FEN ELEMENTARY & SECONDARY SCHOOL**

English Language Teacher

**Istanbul, TR***August 2015–February 2016*

- Teaching English to kids and teens in Elementary and Secondary School
- Designing curriculum
- Testing and Assessment

**AMERICAN CULTURAL ASSOCIATION LANGUAGE SCHOOLS,**

English Language Teacher, Exam Tutor

**Istanbul, TR***September 2014–July 2015*

- Teaching English to Adults
- Tutoring for TOEFL and IELTS

**BRITISH TOWN ENGLISH LANGUAGE SCHOOLS,**

English Language Teacher

**Istanbul, TR***October 2013–June 2014*

- Teaching English to Kids

**VOLUNTEER WORK**

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**TURKISH SOCIAL SERVICES AND CHILDREN PROTECTION INSTITUTION,**

Volunteer English Language Teacher

**Istanbul, TR***April 2013–June 2013*

- Teaching English to Young Learners

- Teaching English to Kids and Teens

## **PUBLICATIONS**

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- Del Maschio N, Sulpizio S, Bellini C, Del Mauro G, Giannachi M, **Buga D**, Fedeli D, Perani D and Abutalebi J (2024) Neurocognitive mechanisms of emotional interference in native and foreign languages: evidence from proficient bilinguals. *Front. Behav. Neurosci.* 18:1392005. doi: 10.3389/fnbeh.2024.1392005
- **Buğa, D.** (2018). Central Language Hypothesis. In D. Buğa, & M. Coşgun Ögeyik (Eds.), *Psycholinguistics and Cognition in Language Processing* (pp. 1-18). Hershey, PA: IGI Global. doi: 10.4018/978-1-5225-4009-0.ch001
- **Buğa, D., & Coşgun Ögeyik, M.** (2018). *Psycholinguistics and Cognition in Language Processing* (pp.1-350). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-4009-0
- **Buga, D.** (2016). Chapter 4: Central Language Hypothesis in Decision-Making Process. In Christiansen B., Lechman E., Editors, *The Handbook of Neuroeconomics and Decision-Making Process* (pp. 66 – 84) USA: IGI Global. DOI: 10.4018/978-1-4666-9989-2.ch004

## **OTHER SCIENTIFIC EXPERIENCES**

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**Applied Psycholinguistics and Multilingual Cognition in Human Creativity, IGI Global**

**Hershey, PA**  
*2019*

Editorial Board Member

<https://www.igi-global.com/book/applied-psycholinguistics-multilingual-cognition-human/201929>

**Psycholinguistics and Cognition in Language Processing, IGI Global**

**Hershey, PA**  
*2018*

Editor in Chief

<https://www.igi-global.com/book/psycholinguistics-cognition-language-processing/18356>

## **PRESENTATIONS**

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**Poster Presentation,**

**Cambridge, MA**  
*2021*

Trends in Psychology Summit, Harvard University

Duygu Buga

Investigating Emotionality of Languages in Italian - English Bilinguals: an fMRI study with the emotional Stroop task.

## **HONOURS & AWARDS**

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**Vice-Chancellor's Research Scholarship (VCRS)**

**Belfast, UK**  
*2024-2028*

Ulster University

**UniTrento Scholarship,**  
University of Trento  
Full Scholarship for Master's Degree in Cognitive Science

**Trento, IT**  
2019-2021

## **CERTIFICATES**

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**Certificate of Attendance,** *Dec 2024*  
Ulster University  
SPSS: An Introduction

**Certificate of Attendance,** *Oct 2024*  
University of East Anglia (UEA)  
Writing & Structuring an Effective Thesis

**Certificate of Attendance,** *Oct 2024*  
Ulster University  
Ethics and Research Governance: An Introduction

**Certificate of Attendance,** *Oct 2024*  
Ulster University  
Introduction to Teaching and Learning in Higher Education (PGTA)

**Certificate of Attendance,** *Oct 2024*  
Ulster University  
Academic Writing for International PhD Researchers - The Architecture of the Thesis

**Certificate of Achievement,** *March 2022*  
Istanbul University  
Teaching Turkish as a Foreign Language

**Course Certificate,** *July 2021*  
Johns Hopkins University  
Principles of fMRI1  
<https://www.coursera.org/account/accomplishments/verify/SGUTXU7T32FP>

**Course Certificate,** *April 2021*  
Johns Hopkins University  
Fundamental Neuroscience for Neuroimaging  
<https://coursera.org/share/c1a34cb0ebb455e7ce4353c0a8e5b05e>

**Certificate of Accomplishment,** *July 2020*  
Wellesley College  
Italian Language and Culture: Intermediate

<https://courses.edx.org/certificates/46cd4b80f76d438d82a1dc97781ecc8d>

## **Statement of Accomplishment,**

*April 2016*

University of Houston

The Bilingual Brain

*Accomplishment with distinction*

<https://www.coursera.org/api/legacyCertificates.v1/spark/statementOfAccomplishment/976698~10783240/pdf>

## **NETWORKS AND MEMBERSHIPS**

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### **FEMALE BRAINS,**

*October 2021 - Present*

Founder & Admin

I am the founder of the Female Brains platform. It is an online platform created to be a society with the aim of encouraging and supporting women, who are interested in mind and brain sciences, by providing networking opportunities in the field of science.

<https://twitter.com/FemaleBrainsS> <https://www.instagram.com/femalebrainss/>

### **CogIST,**

*May 2023 - April 2025*

CogIST Board Admin

<https://twitter.com/CogistBoard>

### **WOMEN IN COGNITIVE SCIENCE (WICS),**

*2017 - Present*

Member

## **LANGUAGE SKILLS**

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- Turkish: Native
- English: Proficient
- Italian: Intermediate
- Japanese: Beginner
- Spanish: Elementary
- Irish: Beginner

## **DIGITAL SKILLS**

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**Software & Productivity Tools:** MS Office (Word, Excel, PowerPoint)

**Research:** fMRI, EEG/ERP, ELAN, PsychoPy, Lab.js, JsPsych, PRAAT, [WebGazer.js](#),

**Research Methods:** Experimental Design, Cognitive Task Analysis, Behavioral Data Analysis

**Programming Languages:** Python (Intermediate), R (Intermediate), HTML(Intermediate), JavaScript(Basic), Matlab (Basic)

**Data Science & Statistical Analysis:** NLP (NLTK), Statistical Modelling, Regression Analysis, A/B Testing

**Data Analysis Tools:** RStudio, SPSS, Python (Pandas, NumPy)

**Cloud & Tools:** Jupyter Notebook, Git/GitHub

## **SCIENTIFIC INTERESTS**

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- Language Processing, Cognitive Neuroscience, Bilingualism, Multilingualism, Neuro/Psycho-linguistics, Experimental Linguistics

## **ADDITIONAL SKILLS AND INTERESTS**

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- Playing violin, Story writing, Mandala drawing, Yoga, Dog parenting
- Philosophy, Literature, Coffee, Scents and Fragrances, Travelling

References available upon request.