

Mai Mohamed Eida

PhD Student, University of Illinois at Urbana Champaign

maimm2.github.io @ maimm2@illinois.edu github.com/maimm2 [in linkedin.com/in/maimm2](https://www.linkedin.com/in/maimm2)

4080, Foreign Languages Building, 707 S Mathews Ave, Urbana, IL, USA 61801

Education

Present Aug 2020	University of Illinois at Urbana Champaign Computational Linguistics / Advisor: Lane Schwartz	Urbana, IL, USA
Aug 2020 Aug 2018	University of Illinois at Urbana Champaign MATESL - MA in Teaching English as a Second Language / Advisor: Randall Sadler	Urbana, IL, USA
July 2016 Aug 2012	Suez Canal University B.A. (Hons.) - English literature and linguistics, and Education / Mentor: Marwa Ragheb	Ismailia, Egypt

Work Experience

Present Aug 2020	University of Illinois at Urbana Champaign Linguistics Department [🌐] Arabic Teaching Assistant / Supervisor: Eman Saadah Instructor of Record - Modern Standard Arabic. Taught elementary to advanced classes (ARAB 201, ARAB 202, ARAB 403, ARAB 404, ARAB 408, ARAB 410)	Urbana, IL
Dec 2021 Aug 2021	Linguistics Teaching Assistant - EIL 422 / Supervisor: Lisa Pierce ESL Grammar Workshops Organization, LMS management, and grading.	
Aug 2020 May 2019	ESL Research Assistant / Supervisors: Cassandra Rosado , Susan Faivre Conducted administrative tasks related to the ESL program, assisted with resources, surveys and materials, and conducted research on pedagogy, curriculum and the ESL population at UIUC.	
May 2019 Aug 2018	ESL Teaching Assistant / Supervisors: Cassandra Rosado , Susan Faivre Instructor of Record - Academic English Writing (ESL 112, ESL 511, ESL 512).	
Aug 2018 Aug 2017	Suez Canal University Faculty of Languages and Translation - Al-Alsun Linguistics Teaching Assistant / Supervisor: Marwa Ragheb Content Developer, proctor, and grader (EN-LNGS22, EN-LNGS21, EN-SFLN22, EN-LSCN11, EN-LNGS11).	Ismailia, Egypt
Aug 2018 Aug 2017	Suez Canal University Al-Alsun's Training and Translation Center Translator / Supervisor: Marwa Ragheb Translated business journal articles from English to Arabic and reviewed translations from English to Arabic before certification.	Ismailia, Egypt
Aug 2018 Aug 2017	English as a Foreign Language (EFL) Instructor / Supervisor: Marwa Ragheb Record instructor of General & Conversational English EFL Courses from Beginner to Advanced (CEFR) and examiner for the graduate college English Proficiency Test (TEPLL)	

Publications

J=Journal, B=Book Chapter, T=Thesis

- [B.1] Innovation in ITA Course Design: Incorporating Student-Designed Field-Specific Corpora. [[🌐](#)]
[Mai Mohamed Eida](#), [Suzanne Franks](#)
Technological Resources for Second Language Pronunciation Learning and Teaching: Research-based Approaches. [2022]
- [T.1] Investment in and use of English: a case study of Egyptian Twitter users [[🌐](#)]
[Mai Mohamed](#)
Master's Thesis [2020]

Current Research Projects

Conversation Analysis as an Annotation System for Emotion Detection

Aug'22 - Present

Advisor: [Roxana Girju](#)

- > Training language models to detect emotion using the sociolinguists Conversation Analysis approach as the main framework supporting data annotation.
- > Annotating phone calls by linking well-linguistically researched conversational cues to possible underlying emotions based on the conversation analysis literature.
- > Focusing on annotating emotions exhibited in turn taking and silence between two interlocutors. [Working Paper]

Feature-rich Open-vocabulary Interpretable Representations: An Application on Arabic

Aug'22 - Present

Advisor: [Lane Schwartz](#)

- > This project uses [Feature-rich Open-vocabulary Interpretable Representation \(FOIR\)](#) designed to model words from all of the world's languages to model different Arabic dialects.
- > Even in the absence of a digitized corpus, using Tensor Product Representations proposed by Smolensky (1990), we can encode complex morphological features regardless of the morphological framework of the language. [🔗]
- > [Schwartz et al.\(2022\)](#) explore the application of FOIR on several languages with different morphological systems including Maltese, a non-concatenative morphology language. As Maltese originally developed from Arabic, this project further explores the applications of this model on Arabic and its different dialects. [Working Paper]

Mental Representation of Time in Arabic and English Bilinguals

Mar'21 - Present

Advisor: [Tania Ionin](#)

- > Research shows that speakers of languages with a left-to-right writing direction mentally organize time from left to right, and speakers of languages with a right-to-left writing direction organize time from right to left ([Fuhrman & Boroditsky, 2010](#)).
- > This project uses PC-IBEX to conduct experiments exploring the effect of writing direction on mental representations of time among Arabic and English bilinguals in comparison to their monolingual control groups. [🔗] [Qualifying Examination Paper - 2021 & In Submission]

Presentations & Posters

Mental Representations of Time among Arabic and English Bilinguals

- > [SLATE Annual Graduate Student Symposium - UIUC](#) [🔗]
- > [Linguistics Weekly Seminars](#) [🔗]

May 2022 (UIUC, Urbana, IL)
March 2022 (UIUC, Urbana, IL)

Investment IN and USE of English, A Study of Egyptian Twitter Users

- > [ITBE 2021 Annual Convention](#) [🔗]

March 2021 (Online, Zoom)

Corpus-informed, project-based, student-centered: Innovation in ITA course design

- > ITA Professionals Symposium

Feb, 2020 (UC Davis, California)

Honours and Awards

Henry R. Kahane Award for Outstanding TA in Non-Western Languages [🔗] University of Illinois at Urbana Champaign

List of Teachers Ranked as Excellent by Their Students [🔗] Awarded for Fall 2018, Spring 2019, Summer 2020, Fall 2020, Spring 2021, Spring 2022.

Related Coursework

- > **LING 402:** Tools & Techniques for Speech & Language Processing - [webpage](#)
- > **LING 406:** Introduction to Computational Linguistics - [webpage](#)
- > **LING 506:** Emotion Detection and Sentiment Analysis in NLP - [webpage](#)
- > **LING 415:** Machine Translation: History & Applications - [webpage](#)
- > **LING 490:** Computational Morphology - [webpage](#)







Organizations and Committees

Arabic Linguistics Society [🌐] <i>Member</i>	Sep'22 - Present
Illinois Language and Linguistics Society [🌐] <i>Co-chair with Aylin Coşkun Kunduz</i>	Sep'22 - Present
› Organizing the Annual Illinois Language and Linguistics Society's 15th meeting committee.	
Diversity & Inclusion Committee <i>Member</i>	Aug'22 - Present
Education Justice Project [🌐] <i>Language Partner</i>	Sep'19 - Sep'20
Linguistics Student Organization [🌐] <i>Member</i>	Aug'18 - Present

Languages and Skills

Natural Languages	Arabic (native), English (bilingual), French (working)
Programs/Software	SPSS, \LaTeX , Learning Management Systems (Moodle, Compass, Canvas)
Programming	Python, GNU Bash, HTML, R

References

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|------------------|---|---|
| > Lane Schwartz | Associate Professor of Computer Science, University of Alaska-Fairbanks |  |
| > Roxana Girju | Professor of Linguistics & Computer Science, University of Illinois at Urbana Champaign |  |
| > Tania Ionin | Professor of Linguistics, University of Illinois at Urbana Champaign |  |
| > Randall Sadler | Associate Professor of Linguistics, University of Illinois at Urbana Champaign |  |
| > Eman Saadah | Director of Less Commonly Taught Languages, University of Illinois at Urbana Champaign |  |
| > Marwa Ragheb | Assistant Professor of Linguistics, Suez Canal University, Egypt |  |