

AUROMITA MITRA

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EDUCATION

M.A. Linguistics

2019 - 2021

The English and Foreign Languages University, Hyderabad

GPA: 8.68 (on 9.0 scale)

Courses: Phonetics, Phonology (I,II), Morphology, Syntax (I,II,III), Semantics (I,II,III), Pragmatics, Quantitative methods in linguistics, Digital signal processing for linguistics, Head-driven phrase structure grammar, Python for NLP, Language acquisition, Language and reading disorders, ELT in multilingual contexts

B.A. English (honors)

2016 - 2019

The English and Foreign Languages University, Hyderabad

GPA: 7.64 (on 8.0 scale)

Senior Secondary

2016

Kendriya Vidyalaya N.E.H.U., Shillong

Percentage: 93%

Secondary

2014

Kendriya Vidyalaya N.E.H.U., Shillong

CGPA: 10.0 (on 10.0 scale)

AWARDS AND HONORS

- Shastri Research Student Fellowship 2021

Nov 2020

Project title What we hear depends on where we hear it: Perceptual Adaptation in Bengali-English Bilingual Speech

Affiliate Dr. Molly Babel, Department of Linguistics, University of British Columbia

Grant amount INR 57,000

- UGC Junior Research Fellowship (JRF) in Linguistics

Dec 2019

- Qualified UGC National Eligibility Test (NET) in Linguistics

Dec 2019

Percentile: 100.00

RESEARCH EXPERIENCE

Project: Perceptual adaptation

Speech in Context Lab, University of British Columbia, Vancouver

Jan 2021 - Present

Supervisor: Dr. Molly Babel

- Developed project proposal to secure funding
- Designed online speech perception experiment to examine effects of cross-language interaction on the adaptive speech behavior of multilingual listeners
- Digitally manipulated speech data to create stimuli

- Created public engagement to secure large-scale participation for online study
- Presented work-in-progress to non-specialist audiences

Project: Vowel harmony in Khalka Mongolian

Speech Dynamics Lab, Jadavpur University, Kolkata

Jul 2021 - Present

Supervisor: Prof. Indranil Dutta

- Developed acoustic model for forced alignment of Khalka Mongolian

M.A. dissertation

EFLU, Hyderabad

Jan - Jun 2021

Supervisor: Dr. Utpal Lahiri

- Title: A presuppositional analysis of the *ach*-copula in Bangla

Project: Phonetic transfer

Speech and Language Processing Lab, EFLU, Hyderabad

Oct 2019 - Aug 2020

Supervisor: Prof. Indranil Dutta

- designed speech production experiment to study phonetic outcome of mixed language processing on the speech of multilingual speakers
- recruited and recorded participants
- processed and analyzed speech data
- presented findings at national conference
- developed results into research paper

Research intern: Project MELT

NALSAR University of Law, Hyderabad

May - Jun 2018

PI: Dr. Uma Maheshwari

- Analyzed findings from existing research on linguistic human rights in India, multilingualism, task complexity, and engagement
- Utilized the data to develop language testing tools to assess phonemic awareness in multilingual children as part of a collaborative group
- Translated and adapted a language assessment tool (MAIN; Gagarina et al., 2012) to suit the needs of an indigenous community

SKILLS

Technical	Python, R, Praat, L ^A T _E X, Git, Forced alignment, Kaldi
Languages	Bengali (fluent), English (fluent), Hindi (fluent), Spanish (basic)

PUBLICATIONS AND PRESENTATIONS

Mitra, A., Dutta, I. Mixed language processing increases cross-language phonetic transfer in Bengali-English bilinguals (2021, under review)

Mitra, A., Bhaumik, M., Mondal, A., Dutta, I. (2019). *Phonetic accommodation in English loanwords in Bengali*. National Conference on Phonetics: Theoretical Underpinnings and Research Explorations, EFL University, Hyderabad, 19th - 20th December 2019 (Oral Presentation)

Gagarina, N., Klop, D., Kunnari, S., Tantele, K., Välimaa, T., Bohnacker, U. & Walters, J. (2019). MAIN: Multilingual Assessment Instrument for Narratives – Revised. Materials for use. ZAS Papers

in Linguistics, 63. Hindi version for use with Gondi-Hindi and Halbi-Hindi bilinguals. Translated and adapted by Chimirala, U. M., Rao, S., Isaac, N. G., Chakraborty, P., **Mitra, A.**, Biswas, B., Jacob, L., Prithiviraj, P., Sai Priya, & Saradhi, N.

TOOLS DEVELOPED

- Phonetic word finder for Bengali [\[github\]](#)
- Acoustic model for Khalka Mongolian forced alignment [\[github\]](#)

PROFESSIONAL EXPERIENCE

Kovida Limited

Content creator and editor

Jan - Feb 2017

Developed vocabulary and grammar content for language teaching textbooks for standards 6 to 8

OUTREACH

Akshar (student initiative of EFLU)

Student coordinator, teacher

2016 - present

- Organize weekly classes for socially disadvantaged children near university campus, with a focus on building language competence for classroom: phonic skills, academic literacy, narrative skills, verbal reasoning
- Provide support for school admissions
- Individually tutor students taking secondary and senior secondary exams