Amit Singh

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Areas of Interest	**Psycholinguistics, Attention, Vision and Bilingualism**

Education

University of Hyderabad, Hyderabad, India
M.Sc., Neural and Cognitive Science, 2018-2020 (SGPA 9.04/10)
Fields: Language-Vision Interaction

Jawaharlal Nehru University, New Delhi, India
B.A(Honours), German Language and Linguistics, 2013-2017

University of Delhi, New Delhi, India
Certificate in German Language, 2013-2014

All India Senior Secondary School Examination, New Delhi
Science (Physics, Chemistry, Mathematics and English) 2011-2013

Dissertation

"Interlocutor awareness and bilingual language choice: An eye-tracking study on Hindi-English bilinguals"

This eye-tracking study investigates whether in an interactional context the proactive language selection in high-proficient Hindi-English bilinguals is constrained by the perceived language proficiency of the speaker during communication.

Supervised by : Prof. Dr. Ramesh Kumar Mishra

Internship and Experience

Software Engineering Research Center, IIIT Hyderabad
Research Intern, Speech Signal Processing, 2019 (Summer)

- This summer internship was an open source software development project titled "Linear Predictive Coding of Speech". I developed a JavaScript based speech signal visualiser for voiced and unvoiced speech sounds. The project can be accessed here (Github page)

Amazon Development Center, Bengaluru, India
Translation Associate, German (Full Time), 2017-2018

- I used to translate documents from German to English

Technical Skills	Matlab (Worked on Pattern Recognition and Statistical Toolbox) R programming Stan (Bayesian data analysis) Behavioural Experimentation: Presentation, EEGLAB, SR Experiment Bulider
Languages	English (Proficient) German (CEFR B2.2) Hindi (Native)

Workshops
and Conferences

University of Hyderabad, Hyderabad
Course Instructor : Prof. Dr. Ramesh Kumar Mishra
Eye-Tracking workshop with Tobii-pro and CNCS Hyderabad, March 2019

Indian Institute of Science, Bengaluru
3rd Workshop on Brain, Computation and Learning, June 2019

Global Initiative for Academic Networks
Course Instructor : Prof. Dr. Raymond Klein
Course Title: The Science and Significance of Attention, Aug 2019

**3rd Annual Conference of the Society for Cognitive
Science of Culture, Bits Pilani Goa, India**
Title: Literacy in the Multilingual World, 3rd - 7th Feb. 2020

Lab Experience

Action Control and Cognition Lab, University of Hyderabad
Conducted Experiments on Eyelink 1000 Eye-Tracking Device.

Action Control and Cognition Lab, University of Hyderabad
Neuroscan 64-Channel EEG System setup and basic knowledge of Operation
and Time Series Data Analysis on EEGLAB

Neuronal Systems Lab, University of Hyderabad
Extracellular ERG recording and PR Conditioning in Honeybees.
Intracellular Recording using Glass Electrodes.

Extracurricular

Jawaharlal Nehru University, New Delhi
Representative, School of Language, Literature and Cultural Studies, JNU (2015)
Convenor, JNU Dance Club, 2017

Reference

Prof. Dr. Ramesh Kumar Mishra
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