






Amit Singh

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

Education **University of Hyderabad, Hyderabad, India**
M.Sc., Neural and Cognitive Sciences, 2018-2020 (SGPA 9.04/10)
Fields: Psycholinguistics and Attention

Annamalai University, Tamil Nadu, India
Post Graduate Diploma in Software Based Statistical Analysis, 2019-2020

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 **“Visual Working Memory, Interlocutor awareness and language choice in Hindi-English bilinguals”**

The study investigates how interlocutor awareness proactively guides language selection in high proficient Hindi-English bilinguals under visual working memory load during conversation.
This study uses EEG and Eye-Tracking Methodology to investigate the aforementioned theme.

Supervised by : Prof. 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 [\(Github page\)](#)

	<p>Amazon Development Center, Bengaluru, India Translation Associate, German (Full Time), 2017-2018</p> <p>- I used to translate documents from German to English</p>
Technical Skills	<p>Matlab (Worked on Pattern Recognition and Statistical Toolbox) Python (Worked on Machine Learning modules: Scikit-learn, Pandas and Numpy) Behavioural Experimentation: Psychopy, EEGLAB, SR Experiment Builder (Eye-tracking)</p>
Languages	<p>English (Proficient) German (Proficient) Hindi (Native)</p>
Workshops and Conferences	<p>University of Hyderabad, Hyderabad Course Instructor : Prof. Ramesh Kumar Mishra Eye-Tracking workshop with Tobii-pro and CNCS Hyderabad, March 2019</p> <p>Indian Institute of Science, Bengaluru 3rd Workshop on Brain, Computation and Learning, June 2019</p> <p>Global Initiative for Academic Networks, MHRD Course Course Instructor : Raymond Klein Course Title: The Science and Significance of Attention, Aug 2019</p> <p>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</p>
Lab Experience	<p>Action Control and Cognition Lab, University of Hyderabad Conducted Experiments on Eyelink 1000 Eye-Tracking Device.</p> <p>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</p> <p>Neuronal Systems Lab, University of Hyderabad Extracellular ERG recording and PR Conditioning in Honeybees. Intracellular Recording using Glass Electrodes.</p>
Extracurricular	<p>Jawaharlal Nehru University, New Delhi Convenor, JNU Dance Club, 2017 Representative, School of Language, Literature and Cultural Studies, JNU (2015)</p>

References

Prof. Ramesh Kumar Mishra

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