


Amit Singh

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

Education **University of Hyderabad, Hyderabad, India**
M.Sc., Neural and Cognitive Science, 2018-2020 (SGPA 9.04/10)
Specialization: Cognitive Science

Jawaharlal Nehru University, New Delhi, India
B.A(Hons.) German, 2014-2017

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

M.Sc. 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

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

The 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

Key Roles:

Translation - German to English

Work in a team to improve catalogue UI experience.

Technical Skills	Matlab (Pattern Recognition Toolbox, Statistical Toolbox, EEGLAB) Python (Machine Learning modules: Scikit-learn, Pandas and Numpy) R programming (Linear mixed models, VWPre - Eyetracking) Stan (Bayesian data analysis) SR Experiment Bulider(Eyetracking) HTML, JavaScript, Latex (Basic)	
Languages	English (Proficient) German (CEFR B2.2) Hindi (Native)	
Lab Experience	Action Control and Cognition Lab, University of Hyderabad Major roles: Research ethics documentation. Participant recruitment and eye-tracking data collection. Stimulus creation and experiment designing on SR Research Experiment Builder. Eye-tracking data analysis on SR Research DataViewer. Conducting experiments on Eyelink 1000 Eye-Tracking device. Neuroscan 64-Channel EEG system setup. Time-series data analysis on Matlab EEGLAB. Neuronal Systems Lab, University of Hyderabad Extracellular ERG recording and PR conditioning in Honeybees. Intracellular Recording using glass electrodes.	
Workshops	Eye-Tracking workshop with Tobii-pro and CNCS Hyderabad, March 2019 3rd Workshop on Brain, Computation and Learning, IISc Bangalore, June 2019 The Science and Significance of Attention, Aug 2019, Instructor: Dr. Raymond Klein 3rd Annual Conference of the Society for Cognitive Science of Culture, Bits Pilani Goa Title: Literacy in the Multilingual World, 3rd - 7th Feb. 2020	
Extracurricular	Dance Convener, JNU Dance Club, 2016-2017 Winner 1st prize, Kallol Dance Competition, Solo Category, JNU, 2016 Winner 1st prize, Solo Dance Category, Amazon Annual Fest, 2017 Winner, Solo Dance, Sukoon, University of Hyderabad, 2019	
References	Prof. Dr. Ramesh Kumar Mishra Head, Center for Neural and Cognitive Sciences University of Hyderabad rkmishra@uohyd.ac.in	Dr. Joby Joseph Center for Neural and Cognitive Sciences Neuronal Systems Lab jjcncs@uohyd.ac.in