


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: Bilingualism and Attention

Annamalai University, Tamil Nadu (Distance)
Post Graduate Diploma in Software Based Statistical Analysis, 2020-2021

Jawaharlal Nehru University, New Delhi, India
B.A(Honours), 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

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 **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)

Work Experience	<p>Amazon Development Center, Bengaluru, India Translation Associate, German (Full Time), 2017-2018</p> <p>Key Roles: Translation - German to English Work in a team to improve catalogue UI experience.</p> <p>Teaching Taught primary school children Science, 2015-2016 Provided Home Tuition of German to students of class 7th and 8th, 2015-2016</p>
Technical Skills	<p>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)</p>
Languages	<p>English (Proficient) German (CEFR B2.2) 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 Major roles: Participant recruitment Documentation Stimulus designing Conducting experiments on Eyelink 1000 Eye-Tracking device. Neuroscan 64-Channel EEG system setup Time-series data analysis on EEGLAB</p>

Neuronal Systems Lab, University of Hyderabad
Extracellular ERG recording and PR conditioning in Honeybees.
Intracellular Recording using glass electrodes.

Event Managements **CNCS, University of Hyderabad, India**
Member of workshop organising team.

Extracurricular **Dance, Lyrical hip-hop**
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 jjcnscs@uohyd.ac.in
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