

## Work Experience

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- **Research Scientist**, Acoustics Research Institute, OEAW, Vienna, Austria 2019 – 2021
- **Postdoctoral Researcher**, Acoustics Research Institute, OEAW, Vienna, Austria 2015 – 2019
- **Doctoral Researcher**, University of Florida, Gainesville, Florida, USA 2011 – 2014
- **Graduate Researcher**, University of Florida, Gainesville, Florida, USA 2007 – 2011
- **Programmer**, University of Florida, Gainesville, Florida, USA 2005 – 2007

## Research Experience

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### Higher Cognition and Hearing Impairment: Listening Effort, Attention, and Memory Neural and Behavioral Markers of Binaural Hearing outcomes in Electric Hearing

**Srinivasan S**, Laback B, Majdak P & Arnoldner C (2020), Improving Interaural Time Difference Sensitivity using Short Inter-pulse Intervals with Amplitude-Modulated Pulse Trains in Bilateral Cochlear Implants. *Journal of the Association for Research in Otolaryngology* 21(1):105-20.

**Srinivasan S**, Laback B, Majdak P & Delgutte B (2018), Introducing Short Interpulse Intervals in High-Rate Pulse Trains Enhances Binaural Timing Sensitivity in Electric Hearing. *Journal of the Association for Research in Otolaryngology* 19(3), 301-315.

(Full list of scientific works here <https://scholar.google.at/citations?user=jTl0MusAAAAJ&hl=en>)

## Technical Skills

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### Techniques

ARMA modeling, Granger Causality, Spectro-temporal analysis, Text mining, Clustering, Psychophysics, Cochlear Implant fitting, Stimulation, Research interfacing, Speech synthesis, EEG, Dimensionality reduction (PCA, ICA), Multidimensional Scaling

### Programming

- **Matlab** (advanced): Signal and Image processing, Curve fitting, Statistics and Machine Learning
- **Python** (intermediate): Numpy, Scipy, Scikit-Learn, Matplotlib, Pytorch, Pandas
- **R** (intermediate): tidyverse packages ggplot2, tidyr, dplyr
- **Praat** (advanced): speech sound analysis, synthesis

## Education

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- **Doctor of Philosophy (Behavioral and Cognitive Neuroscience)**  
University of Florida, Gainesville, Florida, USA 2011 – 2014
- **Master of Science (Psychology)** University of Florida, Gainesville, Florida, USA 2007 – 2011
- **Master of Science (Electrical and Computer Engineering)**  
University of Florida, Gainesville, Florida, USA 2004 – 2006
- **Bachelor of Engineering (Electronics and Communication Engineering)**  
Bharathiar University 2000 – 2004

## Languages

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**English** (C2/Near-Native), **Hindi** (C2/Near-Native), **German** (B1/B2), **Tamil** (Native)

## Teaching/Advising

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- Several undergraduate courses in Behavioral Neuroscience, Cognitive Neuroscience, Lab Methods
- Mentored masters and doctoral students, supervised 2 masters theses

## Other Skills

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**Communication:** Presented complex scientific material to scientific and layperson audiences ~15 international talks and poster presentations