Deeksha Rai

III/5, Govt. Residence,   PIN Code: 313001
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OBJECTIVE

- Utilizing a multidisciplinary approach to understand the 'Neural Correlates of Learning and Memory'.

SKILLS

- MATLAB fundamentals*
- Workflow of Machine Learning Projects*
- AI terminology*
- AI strategy*
- Workflow of Data Science Projects*
- Electroencephalography

- CT - Brain
- MRI Brain
- Reinforcement Learning
- Workflow of Droplet Digital PCR
- Workflow of Immunofluorescence
- Workflow of Flow Cytometry
- Evaluative Conditioning procedure

(*Skills gained through online certification courses)

EDUCATION

- R.N.T. Medical College & Hospital, Udaipur - M.B.,B.S.   Sept. 2016 - Present
  - Intern
  - Percentage: 65.22%
- Lakshmipat Singhania School, Rajsamand   2010 - 2015
  Senior School Certificate
  - Percentage: 90/100
  Secondary School Certificate
  - Cumulative Grade Point Average: 9.4/10

WORKSHOPS AND SEMINARS

- Speaker in the Panel Discussion on **'Training Brains to Understand the Brain: Career Choices in Neuroscience'** of the Indian Academy of Neurosciences XXXIX E-Conference - 2021
- Participated in the Cajal Week - A Project Encephalon Event, 05/21
- Participated in a workshop on droplet digital PCR(ddPCR) for absolute quantification, 11/18
- Participated in the 8th Udaipur Course on Neuroscience Update, 09/18

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WORK EXPERIENCE/RESEARCH PROJECTS

1. **RESEARCH ASSOCIATE (Jan, 2022 - Present) -** JDS LAB, IISER-Kol

2. **SCIENCE ACADEMIES' SUMMER RESEARCH FELLOWSHIP PROGRAMME 2021 -**
   Role of Regulatory T cells (Tregs) in Murine Coronavirus Mouse Hepatitis Virus
   (MHV)-Induced Neuroinflammation - Review Report
   Under the supervision of Prof. Jayasri Das Sarma (DBS, IISER-Kolkata)

3. **ICMR STS RESEARCH PROPOSAL 2019 -** Early and delayed effects of implicit
   evaluative conditioning on reducing prejudice of dark skin tone and disability in final
   year medical undergraduates.
   Project Guide - Prof. Dr. Meena Atray (Dept of Pharmacology, RNTMC-Udaipur)
   (Proposed the use of Implicit Association Tests to assess the effects of Implicit
   Evaluative Conditioning procedure on eliminating human biases)

PROFESSIONAL TRAINING
- Computational Neuroscience, MOOC from the University of Washington and offered
  through Coursera. Certificate earned on Tuesday, September 15, 2020
  https://www.coursera.org/account/accomplishments/certificate/QKVNVZYQBS2U
- MATLAB Onramp by MathWorks training services. Certificate earned on Sunday,
  December 8, 2019
  https://matlabacademy.mathworks.com/progress/share/certificate.html?id=548c5d54-3
  f11-43c6-8571-eacbe0b15256
- AI For Everyone by deeplearning.ai on Coursera. Certificate earned at Thursday, May
  23, 2019 10:33 AM GMT
  https://www.coursera.org/account/accomplishments/certificate/DPJ4PKPT5SU4

LANGUAGES
- Hindi - Native proficiency
- English - Full professional proficiency
- Korean - Limited working proficiency

INTERESTS/HOBBIES
- Painting
- Singing
- Poetry
- Swimming
- Mixed Martial Art