

PRIYANK LOHARIWAL

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WORK EXPERIENCE

SDE Summer Intern | Samsung R&D Institute, Bangalore

May 2020 – July 2020

- Livestreaming and live facial recognition using edge computing:
An end to end integration of multiple Android apps for performing livestreaming using one of the apps device's camera and running facial recognition in the stream on the local edge device for sending relevant information to the user.

Research Assistant | Jadavpur University

Oct 2017 – present

- Neuroimaging and Brain Network Analysis (on going): Experimenting with the methods of extracting relevant information from fMRI data under different stimulus.
- Binary Genetic Swarm Optimization: Developed an optimization algorithm for feature selection by combining Genetic and Particle Swarm Optimization algorithms.



EDUCATION

Jadavpur University | 2017-present (till Semester V)

Bachelor's Degree in Computer Science & Engineering

CGPA: 8.612

B.N.S. D.A.V. Public School, Giridih | 2007-2017

Class 12 - AISSCE, CBSE • 2017

Percentage: 96.2

Class 10 - AISSE, CBSE • 2015

CGPA: 10.0



RESEARCH PUBLICATION

- Manosij Ghosh, Ritam Guha, Imran Alam, **Priyank Lohariwal**, Devesh Jalan, Ram Sarkar "Binary Genetic Swarm Optimization: a combination of GA and PSO for Feature Selection", *Journal of Intelligent Systems* 29, no. 1: 1598-1610. DOI:
- Imran Alam, **Priyank Lohariwal**, Devesh Jalan, Aniruddha Sinha, Sanjay Kr. Saha "Identifying Extrinsic Functional Activation of Brain Regions using BOLD Signals", *2020 IEEE Region 10 Symposium (TENSYP)*, 5-7 June 2020, Dhaka, Bangladesh (presented)



SKILLS

- Programming Languages: C, C++, JAVA, Python, JavaScript, Chapel, Shell(BASH), MATLAB
- Database Management System
- Edge Computing
- Deep Learning
- Machine Learning
- Android Development
- Microsoft Azure (basics)



EXTRA CURRICULAR ACTIVITIES

Clubs and Societies

- JU Science Club – Coordinator
- JU Journal – Organizer
- JU Code Club - Member

Competitions

- Robotics events at Techfest. Kshitij'18 and Srijan'19.
 - National Extempore competition, 2014. Runner Up
- Hobbies:** Cricket, Netflix, Competitive Coding