Swarup Ranjan Behera

CONTACT INFORMATION

F-1, Brahmaputra Hostel
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RESEARCH INTERESTS

I am interested in the research work related to machine learning, data mining and application of these techniques. In particular **short text mining** and **sport data mining**.

EDUCATION

Indian Institute of Technology Guwahati, Guwahati, India

Ph.D., Computer Science and Engineering, July 2015 - Present
- Thesis Title: *Mining Strengths and Weaknesses of Cricket Players Using Short Text Commentary.*
- Supervisor: Dr. V. Vijaya Saradhi

M.Tech., Computer Science and Engineering, **7.99** CPI, July 2013 - June 2015
- Thesis Title: *Spectral Clustering Using Convex and Constrained Settings.*
- Supervisor: Dr. V. Vijaya Saradhi

Veer Surendra Sai University of Technology, Burla, Odisha, India

B.Tech., Computer Science and Engineering, **8.30** CPI, July 2008 - June 2012
- Thesis Title: *A Novel Ontology Based Entity Relationship Model.*
- Supervisor: Dr. Rakesh Mohanty

EMPLOYMENT

Teaching Assistant, IIT Guwahati, July 2013 - Present

Database Lab	Spring 2015, 2016, 2020
Computing Lab	Spring 2017, 2018, 2019
Software Engineering	Fall 2018, 2019
Design and Analysis of Algorithms	Fall 2017
Computer Vision using Machine Learning	Fall 2016
Discrete Mathematics	Fall 2015
Data Structures Lab	Fall 2014
Probability and Linear Algebra	Spring 2014
Data Communication	Fall 2013

SKILLS

C, Python, R, MATLAB, SQL, Statistics, Machine Learning.

ACHIEVEMENTS

Academic:
- Attended the ICVGIP Conference 2016 at IITG.
- Completed national workshop on GPU programming and applications 2014, at IITG.
- All India Rank 696 in Graduate Aptitude Test in Engineering
- Secured third position in codezam, in Srujan 2011 at VSSUT, Burla.
- Awarded Lower-Primary (1997), Upper-Primary (1999) and NRTS (2001) merit scholarships.

Extra Curricular:
- Organized ICVGIP Conference 2016 at IITG.
- Organized Advaya 2015, PG cultural festival at IITG.
- Technical officer in the Student Gymkhana Council 2014-2015 at IITG.
- Best departmental act award in Advaya 2014, PG cultural fest. at IITG.
- Gold medal for short movie making in Film Festival 2012 at VSSUT.

PUBLICATION: **Swarup Ranjan Behera** and Vijaya V. Saradhi, *Mining Temporal Changes in Strengths and Weaknesses of Cricket Players Using Tensor Decomposition*, In proceedings of the 28th European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning (Bruges, Belgium, April 22-24, 2020).

Swarup Ranjan Behera, Parag Agrawal, Amit Awekar, and Vijaya V. Saradhi, *Mining Strengths and Weaknesses of Cricket Players Using Short Text Commentary*, In proceedings of the 18th IEEE International Conference on Machine Learning and Applications (Boca Raton, Florida, USA, December 16-19, 2019).