Swarup Ranjan Behera

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<td>CONTACT
INFORMATION</td>
<td>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 analytics**.

EDUCATION

Indian Institute of Technology Guwahati, Guwahati, India

Ph.D., Computer Science and Engineering, *Expected:* Summer 2019

- Thesis Topic: *Machine Learning and Text Mining in Sports Analytics.*
  Machine learning and text mining techniques are used to mine for strategies in sports domain.
- Supervisor: Dr. V. Vijaya Saradhi

M.Tech., Computer Science and Engineering, **7.99** CPI, July 2013 - July 2015

- Thesis Topic: *Spectral Clustering using Convex and Constrained Settings.*
  A framework to incorporate pairwise constraints in to semi-definite spectral clustering was proposed. It was then extended from passive learning to active learning and self taught learning 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 - July 2012

- Thesis Topic: *A novel Ontology based Entity Relationship model.*
  A comprehensive study of Entity Relationship model was made. Its limitations were explored and a novel Ontology Based Entity Relationship model was proposed.
- Supervisor: Dr. Rakesh Mohanty

RESEARCH EXPERIENCE

Teaching Assistant — Jan 2018 to June 2018
CS110 Computing Lab,
Department of CSE, IIT Guwahati
Supervisor: Dr. Ashish Anand

Teaching Assistant — July 2017 to Dec 2017
CS512 Design and Analysis of Algorithms,
Department of CSE, IIT Guwahati
Supervisor: Dr. Sushanta Karmakar

Teaching Assistant — Jan 2017 to June 2017
CS110 Computing Lab,
Department of CSE, IIT Guwahati
Supervisor: Dr. V. Vijaya Saradhi

Teaching Assistant — July 2016 to Dec 2016
CS574 Computer Vision using Machine Learning,
Department of CSE, IIT Guwahati
Supervisor: Dr. Arijit Sur

Teaching Assistant — Jan 2016 to June 2016
CS345 Database Lab.,
Department of CSE, IIT Guwahati
Supervisor: Dr. V. Vijaya Saradhi

Teaching Assistant — July 2015 to Dec 2015
CS202 Discrete Mathematics,
Department of CSE, IIT Guwahati
Supervisor: Dr. Benny George K.

Teaching Assistant	Jan 2015 to June 2015

CS345 Database Lab.,
Department of CSE, IIT Guwahati
Supervisor: Dr. V. Vijaya Saradhi

Teaching Assistant	July 2014 to Dec 2014

CS210 Data Structures Lab.,
Department of CSE, IIT Guwahati
Supervisor: Dr. Arnab Sarkar

Teaching Assistant	Jan 2014 to June 2014

CS519 Probability and Linear Algebra,
Department of CSE, IIT Guwahati
Supervisor: Dr. Ashish Anand

Teaching Assistant	July 2013 to Dec 2013

CS343 Data Communication,
Department of CSE, IIT Guwahati
Supervisor: Dr. T. Venkatesh

ACHIEVEMENTS

Academic:
- Attended the ICVGIP Conference 2016 at IITG.
- Completed national workshop on GPU programming and applications 2014, at IITG.
- Secured third position in codezam, in Srujan 2011 at VSSUT, Burla.
- Completed workshop on Robobeam 2009, at VSSUT, Burla.

Extra Curricular:
- Served as an organizer in ICVGIP Conference 2016 at IITG.
- Served as an event organizer in Advaya 2015, PG cultural fest. at IITG.
- Served as the technical officer in the Student Gymkhana Council 2014-2015 at IITG.
- Secured the best departmental act award in Advaya 2014, PG cultural fest. at IITG.
- Secured gold medal for short movie making in Arise and Awake 2012, Film fest. at VSSUT, Burla.

HARDWARE AND
SOFTWARE SKILLS

Computer Programming:
- C, Python, R, MATLAB, SQL.

PERSONAL DETAILS
- **Father's name**: Harihar Behera
- **Mother's name**: Lalita Prusty
- **Permanent Address**: At/Po- Tarkera, Via- Birmitrapur, Sundargarh, Odisha(770033)
- **Date of birth**: 01 March 1989
- **Place of birth**: Sundargarh, Odisha

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Date: 04/04/2018   Swarup Ranjan Behera
Place: Guwahati