

Rahul Padhy

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
B.Tech.	National Institute of Technology, Rourkela	8.03 (Current)	2014 - Present
Intermediate	ISC board	92.6%	2014
Matriculation	ICSE board	95.57%	2012

PROJECTS

- **Feature Selection Techniques for Network Intrusion Detection Systems** *Ongoing*
Various feature selection techniques are being studied to obtain optimal features required for better classification for Network Intrusion Detection Systems. The KDD CUP 99 data-set is used.
- **Bug Tracking System** *March-April, 2018*
A bug tracking system was designed to enable the various users of an organization for efficient assigning and solving of bugs. Customers can report the bugs to the manager, who in turn can assign them to developers and testers.
- **Edge Detection using Fuzzy Logic** *May-June, 2017*
The primary aim was to demonstrate how fuzzy logic helps in improving the quality of the edge-detected images in comparison to the ones provided by traditional edge detectors.

TECHNICAL SKILLS

- **Programming languages** : C++, Python, Matlab.
- **Web technologies** : HTML, CSS, PHP
- **Operating systems** : Windows, Linux.

ACHIEVEMENTS

- **Predict the Criminals - March, 2018** : Secured global rank 265 out of 15840 participants (**top 1.67%**) in a Machine Learning competition in HackerEarth.
- **Ghouls, Goblins and Ghosts... Boo! - March, 2018** : Scored an accuracy of 89.7% of the maximum accuracy obtained in a Machine Learning competition in Kaggle.
- **Project Euler+ - March, 2018** : Ranked 476 globally out of 75,564 participants (**top 0.63%**) in the algorithmic coding version of the classic Project Euler, in HackerRank.
- **Ad-Infinity 17 - January, 2017** : Secured global rank 100 out of a total of 1086 participants (**top 9.2%**) in a mathematics-based algorithmic coding contest in HackerRank.
- **Codeagon - January, 2017** : Secured global rank 385 out of a total of 6614 participants (**top 5.8%**) in an algorithmic coding contest organized by CodeNation in HackerRank.
- **Codechef Snackdown 2016 Round A - May, 2016** : Secured global rank 240 out of 9077 participants (**top 2.6%**) in an algorithmic coding contest in Codechef.
- **National Talent Search Examination - 2009/10** : Recipient of the prestigious NTS scholarship awarded to the top 1000 students of the country by NCERT.

KEY COURSES TAKEN

- Machine Learning
- High Performance Computing
- Operating Systems
- Soft Computing
- Algorithm Analysis and Design
- Discrete Mathematics

EXTRACURRICULARS

- Conducted classes on data structures and algorithms for SPAWN, the programming club of National Institute of Technology, Rourkela.
- Co-ordinated in the conduction of CODEX-16.0, a competitive coding competition on HackerRank.
- Mentored 5 first year students in the institute's Student Counselling Program.