

NILENDU DAS

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EDUCATION

- B. Tech IT (2011 - 2015): - CGPA: 7.75 (till 7th sem) , IIIT Allahabad
- XII (CICSCE Board) : - 82.28% East West Model School, Burdwan (WB)
- X (CICSCE Board) : - 90.14% East West Model School, Burdwan (WB)

COMPETITIVE PROGRAMMING SKILLS

- Blue on Topcoder : [neil_iiita](#)
- Qualified round 1C and 1A in Google Code Jam 2013/14 : [neil.iiita/neil.iiita](#)
- Blue on Codeforces : [i_coder](#)
- Rank in top 100 in short contests on Codechef : [i_coder](#)
- Ranked 68/32 in ACM ICPC Amritapuri Onsite 2013/2014
- Wrote Editorials for problems at [MyCodeSchool](#)

INTERNSHIP

- Flipkart (Jan 2015 to present) : Detection of hard/soft anger in phone calls
 - o Extract energy and prosody features from the audio calls.
 - o Use Machine Learning on the features to detect anger in calls.

ACADEMIC PROJECTS

- Palm line extraction and applying rules of palmistry
 - o Extract the significant lines of the palm.
 - o Apply the rules of palmistry as given in the book by 'Cheiro'.
- Personalized newsfeed generation
 - o Generated personalized news feed for individual users based on previously selected topics/keywords provided by the user.
 - o Users can also see notifications about the number of new (unseen) news on each topic that appeared after viewing last time.
- Gait analysis and stability in human locomotion
 - o Analyzing the data of forces under the legs, the largest Lyapunov exponent can be calculated which gives deviation from a normal stable human. The main software used was Opensim and Matlab.

TECHNICAL INTERESTS

- Algorithmic programming competitions
- Machine Learning and Artificial Intelligence
- Finding / Learning hacks to solve a problem
- Learning new technologies