

Baban Gain

5* on Codechef | Global Rank :2711
India Rank:1523



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Krishnanagar, W.B, India 📍

WORK EXPERIENCE

Project Staff

IIT Patna

10/2020 - Present

PUBLICATIONS & PROJECTS

Not All Contexts are Important: The Impact of Effective Context in Conversational Neural Machine Translation

- Developed an algorithm on context selection for Conversational NMT improving results by upto 1.5 BLEU points
- IJCNN 2021

A Neural Framework for English-Hindi Cross-Lingual Natural Language Inference

- Published at ICONIP 2020

Legal Information Retrieval and Entailment

- Find entailment between a case document and law articles. Accuracy: 0.592, Rank: 3rd
- Find civil law articles for a case. F1-score: 0.44, Rank: 3rd
- Presented at COLIEE 2019 conference, University of Montreal, Canada

Entailment & Question Answering on Medical Domain

- FAQ Entailment - Acc : 0.532 Rank: 10th
- Natural Language Inference - Accuracy : 0.818 Rank:12th
- Question Answering - Acc: 0.717 Rank:6th
- Presented at ACL BioNLP 2019

IITP at AILA 2019: System Report for Artificial Intelligence for Legal Assistance Shared Task

- Worked on Information Retrieval on Legal documents
- Presented on FIRE conference, Kolkata, 2019

jvnadia.info - school website (2017 - 2018)

- A dynamic school website with login page & individual result, routine & NCERT book for every student
- Bulk mail & bulk SMS to students.
- Used HTML, CSS, PHP, MySQL, Javascript, Google Analytics, Google Maps API, Facebook Graphs API, PHPMailer, Way2sms, SSL
- <https://github.com/babangain/jvnadia.info>

Three papers under review

EDUCATION

B. Tech in Computer Science & Engg.

Govt. College of Engg. & Textile Technology, Berhampore

2016 - 2020

8.52 CGPA

Senior Secondary (CBSE)

JNV Kalyani, Nadia

2014 - 2016

66.8 %

Secondary (CBSE)

JNV Kalyani, Nadia

2012 - 2014

9.4 CGPA

SKILLS

Python

Natural Language Processing

Deep Learning

Competitive Programming

HTML

CSS

MySQL

Machine Learning

PHP

C++

ACHIEVEMENTS

Reviewer of two papers at Artificial Intelligence Review and IEEE Access

Problem setter of three coding contests

codechef.com/BIBA2018 codechef.com/CEEL2019
codechef.com/COMT2020

Codechef September Challenge 2019 Division 1

Global Rank : 214

Codechef September Challenge 2018 Division 2

Global Rank: 178

CERTIFICATIONS

Introduction to Modern Application Development by IIT Madras via NPTEL (01/2018 - 05/2018)

Scored 89%, Course topper - Was within top 1% of candidates

Programming, Data Structures and Algorithms using Python by Chennai Mathematical Institute via NPTEL (01/2018 - 05/2018)

Scored 84%, Course topper - was within top 5% of candidates

Infosys InfyTQ on Data Structure, Python and DBMS - 2019

87%

REFERENCES

1. Dr. Asif Ekbal

Associate Professor of CSE, IIT Patna, Bihar, India

2. Dr. Rejwanul Haque

Lecturer · National College of Ireland

INTERESTS

Artificial Intelligence

Astronomy

Science Fiction

Chess