VISHWAJEET KUMAR

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https://github.com/vishwajeetkr

EDUCATION

Indian Institute of Technology, Kharagpur *August 2016 - Present*
3rd Year, Mathematics and Computing
Integrated M.Sc, Dept. of Mathematics
CGPA: 8.54/10

RPS Public School, Muzaffarpur *Grad. May 2016*
CBSE Class XII
Overall Percentage: 88.2

Prestine Children High School, Muzaffarpur *Grad. May 2014*
CBSE Class X
Overall CGPA: 9.8

RESEARCH EXPERIENCE

Open Information Extraction(Open IE) - NLP *Dec 2018 - Present*
- Working to build Knowledge Graph from relations extracted from Open IE methods.
- Working to introduce rigorous Machine Learning techniques to extract relations in Open IE.

KEY PROJECTS

Fuzzy Based Mental Health Analyzer *Jan 2018 - March 2018*
- Developed a fuzzy logic based model to analyze metal health of a person.
- Build a web application to show current health status of a person and give suggestions.
- Used ExtraSensoryAndroid app to track health of a person.

Shield Life *Oct 2018*
- Build an app as a part of Hackathon - Codefundo++, organized by Microsoft.
- The app generates representations for a disaster-affected region. This information then can be used to strategically allocate resources to prepare for disaster relief.
https://github.com/vishwajeetkr/Shield-Life

Deep News Classifier *Jan 2018*
- Designed a deep neural architecture using Bidirectional LSTM with Attention.
- Developed the architecture with Tensorflow.
https://github.com/vishwajeetkr/$Deep_News_Classifier$

RELEVANT COURSES

Completed
- Programming and Data Structures • Design and Analysis of Algorithms • Discrete Mathematics • Probability and Statistics • Linear Algebra • Scalable Data Mining • Object Oriented System Design

• Real Analysis • Partial Differential Equations • Machine Learning(Coursera) • Convolutional Neural Networks(Coursera)

Ongoing
• Deep Learning • Modern Algebra • Switching and Finite Automata • Advanced Numerical Techniques • Measure Theory and Integration • Operation Research

TECHNICAL SKILLS

Programming Languages and Frameworks	Python, Java, C++, C, Tensorflow, PyTorch
Software Technologies	Android, Hadoop, Django, Javascript, Linux

SCHOLASTIC ACHIEVEMENTS

- INSPIRE Scholarship Recipient.
- Participated in Open IIT Case Study and was a part of gold winning team.

EXTRACURRICULAR ACTIVITIES

- Was a part of silver winning team of Illumination, 2016.
- Participated in various health awareness programs organized by National Sports Organization. (Health and Fitness)
- Disaster-Management Training (Sri Sathya Sai Seva Organization) - Gained expertise in basic rescue techniques and trained on First Aid and Fire Fighting.