Abhinav Anand

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EDUCATION

IIT KANPUR
PhD in Computer Science and Engineering (2022-Present)

TEZPUR UNIVERSITY
B.Tech in Computer Science and Engineering
Grad. June 2022 | Tezpur, India
CGPA: 8.88 / 10.0

ST. XAVIER'S SCHOOL
Higher Secondary
Grad.2017 | Deoghar, India
Science(PCM): 86

BIRLA VIDYAMANDIR
Secondary
Grad.2015 | Nainital, India
CGPA: 10 / 10.0

LINKS

LinkedIn:// abhinav-anand-1a3510194
Github:// abhinavanandthakur

SKILLS

- Data Structures and Algorithms
- C, C++, Python, Matlab, Octave
- NS-3
- FLASK API
- HTML, CSS, Bootstrap
- Solidity, IPFS
- Pandas, Scikit-learn, Tensorflow

CERTIFICATIONS

- Machine Learning by Coursera
- Web Development by Udemy
- Programming, Data Structures, and Algorithm using Python by NPTEL

INTERESTS

- Computer Networking
- Blockchains
- Machine Learning
- Deep Learning

EXPERIENCE

MITACS GRI (ATHABASCA UNIVERSITY) | Research Intern
May 2021 – August 2021 | Edmonton, Canada
- Proposed a democratic education system model based on blockchains
- Designed a prototype software for the proposed model

PROJECTS

IMPROVING QOS IN NAMED DEFINED NETWORKING
Improving the Quality of Service in Named Data Networking by doing various experiments on NS-3 based NDN Simulator

ROUTING AND SPECTRUM ALLOCATION IN ELASTIC OPTICAL NETWORK (ONGOING)
Analysing and designing algorithms for RSA in EON to improve the overall network throughput

SAFEMAPS
A web app-based mapping system primarily for safe and secure traversal in a pandemic or emergency situation which also consider parameters such as women safety, traffic level into account for calculating the optimum path.

HOSTEL MANAGEMENT SYSTEM
Backend Web Application for Hostel Management system

COURSE MANAGEMENT SYSTEM
A Web Application for Online Course Management system

PUBLICATION

A BLOCKCHAIN BASED TECHNIQUE FOR STORING VACCINATION RECORDS
2020 IEEE Bombay Section Signature Conference (IBSSC)
DOI: 10.1109/IBSSC51096.2020.9332171
- The paper presents a standardized efficient solution for storing vaccination records on Blockchain in a safe and cost-effective manner.

CONFERENCES ATTENDED

- 2020 IEEE Bombay Section Signature Conference (IBSSC)