



Lalu Prasad Lenka

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Bhubaneswar

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Full-Stack web, Electron developer and Machine Learning enthusiast. I am super passionate about the reach of technology and when it comes to conquering new frontiers, I want to be there in the forefront.

WORK EXPERIENCE

Research Intern

Indian Statistical Institute , Kolkata

06/2016 – 08/2016

Kolkata

Worked under Prof. Bimal K Roy in a project on cryptography.

Tasks/Achievements

- S-boxes are important part of block ciphers like DES and AES, I evaluated couple of cryptographic properties of S-boxes.
- Found the weakness in DES & AES S-boxes, designed a better S-box.

Opensource Contributor

Zulip & FOSSASIA

03/2017 – Present

Zulip is a powerful Opensource chat application , FOSSASIA is the premier Free and Open Source technology organization in Asia

Tasks/Achievements

- Active contributor to the Electron app for Zulip Organization
- Active Contributor to FOSSASIA Organization

PERSONAL PROJECTS

Gesture to speech Conversion using leap motion controller (12/2016 – Present)

- A Communication model for hearing and speech impaired using Gesture Recognition for Indian Sign Language.
- 1-Supervised Machine Learning Classifiers
- 2-Javascript tools for recording and visualising hand gestures
- 3-Handling data in JSON and CSV format

Clean India Web App (12/2016 – 01/2017)

- A web-app to gamify the idea of Swachh Bharat Abhiyan
- A web app that aims to bring a change in the way we conceive the idea of "Swachh Bharat Abhiyaan".

Hostel Doors (03/2017 – Present)

- A web app completely based on MEAN stack to help search people in the hostel, find their room number and roommates.

EDUCATION

Bachelor of Technology in Computer Science & Engineering

College of Engineering & Technology, Bhubaneswar

07/2014 – Present

8.8 CGPA till 5th sem

Higher Secondary Education

D.A.V Public School, J.A,Talcher

05/2011 – 04/2013

91%

Secondary Education

D.A.V Public School, J.A,Talcher

05/2010 – 04/2011

10 CGPA

SKILLS & COMPETENCES

Javascript

C++

Python

Java

Node js

Electron

Git

Mongodb

Web Sockets

JQuery

ACHIEVEMENTS

Winner in IEEE colloquium bhubaneswar Subsection

Won first prize in paper presentation at IIT Bhubaneswar

Finalist in TCS Hackathon

Went to the top 10 teams selected in TCS hackathon held at VJTI, Mumbai

Represented College at Knowlegexpo /IETF 2017

Represented our college at Inter national Engineering & technological fair at Delhi

Winner of Design Sprint in Perception 2015

won the web designing competition in college.

CERTIFICATES

QEEE Certificate

Certificate of completion of Basic Graph Algorithm course

CTTC Certificate

Certificate of completion of Advance Java course

Cisco Certified Network Academy

Certificate of completion of Networking course on Routing and Switching

LANGUAGES

English

Upper-intermediate

Hindi

Native or Bilingual

Odia

Native or Bilingual

INTERESTS

Development | Opensource Contributions |
Machine Learning | Competitive Coding