

Lalu Prasad Lenka

laluprasad.lenka95@gmail.com 🔀

+918895498815

Bhubaneswar Q

.

github.com/lplenka

linkedin.com/in/lplenka in

A seasoned developer & an aspiring Data Scientist. 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

Data Science Intern

Aptus Data Labs

01/2018 - Present

A Data Engineering & Advanced Analytics firm

Bengaluru

Achievements/Tasks

- Responsible for implementing statistical machine learning solutions to various business problems such as shipping chain optimization, demand forecasting.
- Built highly efficient document management and processing system using Text Mining.
- Operationalized analytical models in various platforms.
- Got started with to Hadoop, Hive and MapR.

Machine Learning Intern

Tata Consultancy Services

06/2017 - Present

Chennai

Achievements/Tasks

- Worked on product's Image Attribute Extraction using Deep Neural Networks.
- Developed a CNN RNN architecture to built an Optical Character Recognition engine.
- Implemented the complete model using Keras API.

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

- Contributed to FOSSASIA event web-app increasing it's functionality.
- Fixed number of bugs in Zulip's Electron app.
- Robust commits.

Research Intern

Indian Statistical Institute, Kolkata

06/2016 - 08/2016

Worked under prof. Bimal K Roy in a project on block ciphers and S-boxes

Kolkata

Tasks/Achievements

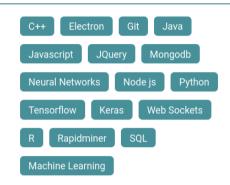
- S-boxes are important part of block ciphers like DES and AES, I evaluated couple
 of cryptographic properties of S-boxes.
- Found the weakness in DES & AES S-boxes.
- Architected and implemented a better S-box.

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-JS tools for recording and visualising hand gestures & handling data in JSON and CSV format.

SKILLS & COMPETENCES



ACHIEVEMENTS

Winner in IEEE colloquium bhubaneswar Subsection

Won first prize in paper presentation at IIT Bhubaneswar.

Finalist in TCS Hackathon

Went to the top 8 teams selected in TCS hackathon held at VJTI, Mumbai.

Represented College at Knowledgexpo /IETF 2017

Represented our college at International Engineering & technological fair at Delhi.

Winner of Design Sprint in Perception 2015

CET Merit scholarship for meritorious students

Received CET merit scholarship every year since 1st year.

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 & Odia

Native or Bilingua

INTERESTS

Competitive Coding

Machine Learning

PERSONAL PROJECTS

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 Enginbeering & Technology, Bhubaneswar
07/2014 - Present 8.75 CGPA till 6th

Higher Secondary Education D.A.V Public School, J.A,Talcher 05/2011 - 04/2013

2011 – 04/2013

INTERESTS

Opensource Contributions

Application Development