

Binay Kumar Pradhan

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EDUCATION

International Institute of Information Technology

Bachelor of Technology in Information Technology, CGPA - 7.54/10.0

Bhubaneswar, Odisha

2015 - 2019

Kalinga Bharati Residential College

Intermediate/+2 from CHSE, Percentage - 70.08%

Cuttack, Odisha

2012 - 2014

St. Marys' School

Matriculation from ICSE, Percentage - 91%

Barbil, Odisha

2010 - 2012

EXPERIENCE

Utopia Global, Inc.

Trainee - Data Scientist

Bangalore, Karnataka

July 2019 - Present

Utopia Global, Inc.

Machine Learning Intern

Bangalore, Karnataka

Jan 2019 - June 2019

- Involved in developing a data cleansing package for a product with ML techniques.

Institute of Development and Research in Banking Technology (IDRBT)

Research Intern

Hyderabad, Telangana

May 2018 - July 2018

- Assisting a research scholar in dataset preparation, developing deep learning POS tagger and drafting his research journal.

[Newsletter, pg 20]

- Mentor:** Asst. Prof. Nagesh Bhattu Sristy, IDRBT- Hyderabad

ACADEMIC PROJECT

Technova

Techno-fest 2018

- Real time object detection and classification (specifically- person). And get the OCR of license plate number of vehicles passing by.

- Tech Stack:** Python, OpenCV, Tensorflow. [Slides]

Micro-Controller Project

Spring 2018

- Interfacing Ultrasonic sensor and Arduino to control PC applications through hand gestures.

- Tech Stack:** (Hardware: Ultrasonic Sensor, Arduino); Python, Embedded C. [Abstract]

Networking Project

Spring 2018

- Implementing ECC encryption of data transmission between nodes in Network layer of OSI/ISI Layer for secure transmission. Creating performance evaluation report and simulating it using NS2.

- Tech Stack:** tcl, NS2, NAM. [GitHub]

Database and Management System Project

Fall 2017

- Build a query based website intended to help farmers take calculated decision to keep their harvested crops in cold storage facility and sell to market.

- Tech Stack:** Python, Django, PostgreSQL, HTML, CSS, Bootstrap. [GitHub]

Digital Electronic Circuit Project

Spring 2017

- Creating a low cost pattern lock security system in Hardware and testing it through simulation.

- Tech Stack:** (Hardware: IC, DIP Switch). [Simulation]

HACKATHON

Smart India Hackathon

Kolkata, West Bengal

Organised by Govt. of India

March 2018

- Documentation of all Possible Historical disasters till date and visualizing it through map, graph, and tabular representation through an Interactive UI and a basic HTML5. Further using Back-propagation Deep Neural Network for predictive analysis of disasters and providing suggestions.

- Tech Stack:** HTML, CSS, JS, PHP, Python, Tensorflow, APIs, MySQL

Dell Codefest

Bhubaneswar, Odisha

Organised by Dell, India

October 2017

- A theoretical and working model to classify shirt from other apparel and thereby predicting its size in real-time.

- Tech Stack:** Python, Tensorflow, Unix

PROFICIENCY

- Python, C++, Bash, Tensorflow, keras, Pandas, ML/DL Algorithms, NLP Applications, Django.

AREAS OF INTEREST

- Machine Learning and Deep Learning Applications, NLP, Speech recognition, Computer Vision, IOTs, Bio-Informatics Applications, Operating System.