

# ADARSH GHIMIRE

## Analytics Specialist

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## EXPERIENCE

### Analytics Specialist

#### Rosebay Consulting

November 2019 - Present Kathmandu, Nepal

- Research and development of Machine Learning Models (Tensorflow, Keras, Pytorch)
- Technical Solutioning of Analytics Projects
- Research in the development of Natural Language Processing techniques for Indonesia Bahasa Language
- Research in Bayesian Learning methods in retail finance

### AI Business Analyst (Analytics) & Machine Learning Engineer

#### Rosebay Consulting

April 2019 - November 2019 Kathmandu, Nepal

- Team lead for several Machine Learning and AI projects
- Worked onsite at PT POS Indonesia on Machine Learning, AI and Big Data System
- Developed Machine Learning Models as per client requirements
- Worked on Big Data System Implementation and Integration

### Software Engineering Intern

#### Leapfrog Technology, Inc.

September 2018 - October 2018 Kathmandu, Nepal

- Acquired training on Git, HTML, CSS, and Javascript
- Worked on several web development projects

### Network Operation Intern

#### Nepal Telecom

09 January 2019 - 25 January 2019 Kathmandu, Nepal

- General setup and operation of Fiber home system
- Acquired training on Optical Fiber & Microwave Communication System
- Studied about routers, switches and Base Transceiver Station of Nepal Telecom

## ACHIEVEMENTS

- Writer for **Big Data Analytics Ecosystem and Solution Design Apache Hadoop** in Jakarta, Indonesia on 6 Nov 2019.
- Ranked as a **whole Engineering topper from University** with an aggregate score of 87.5% out of 100%.
- Presented paper **Smart Glove** in OKRP Conference on December 22, 2018.
- **Winner of Idea Hunt at IT MEET 2018** organized by Kathmandu University Computer Club.
- Honored by Pakistan Ambassador for **Best Presentation** among all SAARC nations in JENESYS 2016.
- **Runner up** in International Robotics Competition (YANTRA) Manual Akhada in November 2016 & Robodrift 4.0 organized by Robotics Club of KEC.
- **Far-Western Development Region Topper** of the year 2012 in Secondary Education with a score of 90.5%.

## HONORS & AWARDS

- Overall Engineering Topper awarded by the Institute of Engineering, Tribhuvan University.
- Appointed by “**Ministry of Education, Nepal**” for participating in JENESYS 2016.
- **Partial Scholarships** awarded by Kathmandu Engineering College in **all years** for Undergraduate study.

## EDUCATION

### Bachelor in Electronics & Comm. Engineering

#### Kathmandu Engineering College, Tribhuvan University

Nov 2014 - Sep 2018 *University Topper in Engineering*

### Higher Secondary Education

#### United Academy Higher Secondary School of Science, Management and Humanities, Lalitpur, Nepal.

2012 - 2014

### Secondary Education

#### Jyoti English Boarding School, Dhangadhi, Kailali, Nepal.

1999 - 2012 *Farwestern Development Region Topper*

## PROJECTS

### Smart Gloves

- An automatic sign language recognition system for Deaf and Dumb people developed using Machine Learning and different sensors(flex, gyroscope, accelerometer).

### Wireless Mobile Phone Charging On Coin Insertion

- Arduino-driven, self-designed wireless phone charging system, a prototype by Wireless Energy Transmission to charge mobile phone batteries.

### Sun tracking Solar panel with Automatic Auto-irrigation

- Auto Irrigation system integrated sun-tracking solar panel for optimal solar energy generation.

### Fraud Detection System

- Developed a Machine Learning model that detects fraudulent transactions based on Customer ID, Merchant ID, Transaction amount, Age, Gender, Category of activity.

### Racing Drone

- A self-designed quadcopter (drone) with custom design for racing.
- Yielded us to get to Semi-final in an International Drone Racing Competition organized by Robotics Association of Nepal.

### Online Courses Projects

- Song Recommender System
- Image Classification System with Deep Features
- Similar Document Retrieval System
- Product Sentiment Analysis
- House Price Prediction