

# BIJAYA ACHARYA

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Kathmandu, Nepal

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## Objective

As a forward-thinking AI/ML enthusiast, I am deeply passionate about harnessing the power of AI to drive innovative solutions and contribute to meaningful change. With a keen interest in emerging technologies, I aim to be at the forefront of the evolving landscape, using my skills to tackle challenges and create impactful advancements. Eager to collaborate with like-minded professionals, I am committed to being a part of the journey towards a smarter, more efficient future.

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## EDUCATION

Coventry University

2019 > 2022

BSc (hons) Computing

Grade: First Class Honours

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## EXPERIENCE

[Kush Fintech Pvt. Ltd.](#)

Aug > Dec 2023

Data Analysis Intern

- data analysis
  - data visualization
  - predictive model building
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## CERTIFICATION

[Machine Learning Specialization](#)

From: Coursera

Nov 16 2023

Courses

- [Supervised Machine Learning: Regression and Classification](#)
- [Advanced Learning Algorithms](#)
- [Unsupervised Learning, Recommenders, Reinforcement Learning](#)

## Mathematics for Machine Learning and Data Science Specialization

From: Coursera

Dec 14 2023

### Courses

- [Linear Algebra for Machine Learning and Data Science](#)
  - [Calculus for Machine Learning and Data Science](#)
  - [Probability & Statistics for Machine Learning & Data Science](#)
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## PROJECTS

### Bachelor's Projects

- Django: Blog Site
- MERN (Group Project): Mandala - Auction Site
- IOT (Group Project): Environment Monitoring System
- Twitter Sentiment Analysis with Real Time Data
- Thesis: Fake News Detection Using Both Classification and Regression in Machine Learning

### Practice Projects (in GitHub)

#### NLP

- Intent Classification
- Language Model
- Multi Label Classification
- Text Preparation
- Transformers Text Summarization
- Twitter Hate Speech Detection

#### Deep Learning

- Brain Tumor Detection MRI Classification
- Breast Cancer Classification
- Handwritten Number Recognition
- Object Detection Using Tensorflow

#### Traditional

- Titanic Survival Prediction
- Hart Disease Detection
- Loan Prediction
- Parkinson Disease Detection

# Skills

**Programming Language:** Python, Java, Django, Node, Express, SQL, mongo dB, Arduino

**Software Engineering:** Designing and implementing production services, full-stack web applications, and tools and libraries across various disciplines. I have experience designing new systems as well as improvements to production systems.

**Applied ML:** Machine learning and its applications, including prediction, machine translation, computer vision, and natural language/speech processing models, using libraries such as Tensorflow, Keras, Torch, and Scikit-Learn.