Rishiraj Acharya

Machine Learning Engineer

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LinkedIn   GitHub

EDUCATION

Netaji Subhash Engineering College
Bachelor of Technology (Honours)
Graduating June 2022 | Kolkata, India
Major: Computer Science & Engineering
Current SGPA: 9.62

WORK EXPERIENCE

Lannet Technologies Pvt. Ltd.
Machine Learning Engineer (Internship)
July 2020 - September 2020
Worked on building and deploying ML models applying Generative Adversarial Networks for Image processing.

TeamCognito Tech LLP.
Machine Learning Engineer (Internship)
April 2020 - June 2020
Worked on building and deploying ML models, Cloud DB integration, Code security and more.

POSITION OF RESPONSIBILITY

Stanford University
Python Facilitator (CS106A Code in Place)
April 2020 - May 2020

Google Developer Student Clubs NSEC
Machine Learning Lead
August 2020 - Present

DeepLearning.AI
Events Ambassador
April 2020 - Present

Microsoft Learn
Student Ambassador
September 2019 - Present

SKILLS

Technical Skills:

Machine Learning, Deep Learning, Google Cloud Platform, TensorFlow, Keras, Scikit-Learn, TensorFlow.js, TensorFlow Lite, Linux, Python, Java, C/C++

Soft Skills:

Trilingual Communicator (English, Bengali, Hindi), Public Speaking, Leadership

COURSEWORK

Specializations:

Machine Learning with TensorFlow on GCP
Deep Learning
AI for Medicine
Natural Language Processing

Professional Certificate:

DeepLearning.AI TensorFlow Developer

PROJECTS

Real-time Social Distancing Detector
Mentored Winter of Code students to develop TensorFlow Lite social distancing detection model with Python on Raspberry Pi 4 using MobileDet achieving significant improvement over MobileNetV3+SSDLite on the COCO dataset. Featured in Weights & Biases.

Real-time Orca call detection - GSoC 2020
Used Conv1D, GRU, Unidirectional RNN to develop sound recognition model and deployed using TensorFlow.js.