Bikash Gurung

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Education

LIVERPOOL JOHN MOORES UNIVERSITY   Liverpool, UK
Master of Science in Artificial Intelligence   Sept 2022 – Sept 2023
Courses: Machine Learning, Accelerated Machine Learning, Research Methods,
Enterprise Machine Learning, Deep Learning, Advanced Deep Learning

LOVELY PROFESSIONAL UNIVERSITY   Punjab, India
Bachelor of Technology in Computer Science   August 2015 – August 2019

Skills

Programming Languages: Python, Java, HTML/CSS, JavaScript
Technologies: Tesnsorflow, Apache Spark, RAPIDS, Flask, Docker, MySQL, Wordpress, Git and Excel

Professional Experience

ASPIRING MINDS (an SHL company)   Delhi, India
IT Management Trainee   September 2019 – April 2021
- Involved in end-to-end development and deployment of IT assessments
- Checked developed content and codes by running on their respective platforms
- Researched for IT assessments, blueprint design and collaborated with other teams to complete projects
- Developed test items on various computer science technologies to help companies in hiring candidates
- Engaged with external subject matter experts for module creation in niche IT skills
- Guided newly hired students regarding the work which led to the organization productivity

COGNIZANT   Pune, India
Intern - Full Stack   January 2019 – May 2019
- Worked in a diverse, experienced & agile team to define requirements, conduct research, and develop end-to-end solutions in coordination with the Business Unit
- Implemented a web application using Spring MVC patterns, HTML/CSS, JavaScript and Bootstrap, designed navigation for improving usability
- Gained valuable exposure and excelled in developing, coding, and debugging skills during internship which led to an offer of full-time employment

Projects

Enterprise website: Built an enterprise-ready website for classifying birds using bird species classification model, gRPC, TensorFlow Serving, Flask and Docker

Environment Sound Classification: Using MLP algorithm, build a model to detect environmental sounds and compare it to a Random Forest model to help prevent and detect crimes

Higgs Boson Detector: Constructed an accelerated Machine Learning model using RAPIDS to identify the Higgs signal using the Random Forest algorithm and compared it to XGBoost model

Bird Species Classification: Created a model for bird species classification using Faster R-CNN algorithm and compared its performance to ImageNET50 technique

Interests

Language: English, Hindi, and Nepali
Interests: Guitar, Football, Podcast, Reading and Fitness