Kavindya Imbulgoda

★ Contact

✉ kpimbulgoda@gmail.com

in linkedin.com/in/kavindya-imbulgoda

📍 20/44,Dharmapala Mw., Kanuwana, Ekala

📞 +94 71 0954567

★ About me

A versatile, hardworking and a committed person with good organizing, managerial and analytical skills seeking a career opportunity to apply her knowledge and skills to full use. Willing to bring great values and profitable ideas to the workplace while serving for the betterment of the community.

★ Interests

Data Science
Machine Learning
Software Engineering

★ Programming Language

Python
Java (basics)

★ Data Science

Pandas
Numpy
Matplotlib
Seaborn
Scikit
Spacy
Beautiful Soup

Education

Since 2017

B.Sc. Engineering (Hons.) (Reading)
Department of Electronic and Telecommunication Engineering University of Moratuwa

Current GPA - 3.8622 (Upto 6th semester) **(Dean's List)**

From 2003 to 2016

Primary and Secondary Education
Holy Cross College , Gampaha

GCE Advanced Level - 2016
Results - 4As Z score - 2.2317

Work experience

Since October 2020

Intern at Data Science
MilleniumIT ESP Colombo 07, Sri Lanka

- Worked on developing an **IPTV recommendation system** using python, pandas etc.
- Worked on data analysis and modeling part for building a **sales forecasting system** using python, pandas etc.
- Developed sales forecasting **dashboards using Power BI**
- Handled the sales & marketing part of a **dashboard migration project from Qlik view to Qlik sense**

Certificates and Courses

HackerRank Certificate for Python

Completed Kaggle Courses
Intro to Machine Learning
Intermediate Machine Learning

Deep Learning Specialization (5 courses)
Online Course offered by Coursera and deeplearning.ais

C++ Programming Certificate Course
Esoft Higher Education Centre - Gamapaha

Object Oriented Programming in Java
Online Course offered by Coursera and University of California San Diego

Achievements

HackerRank Gold badge for python

In top 5 teams in Datastorm 2.0 - Sri Lanka's premiere data analytics competition (hosted in Kaggle)

Top final 30 team of AI Summit organized by Axiata Digital Labs (hosted to use AWS solutions)

Achieved 17th place in Hackdown programming competition

Western Provincial Mathematical Quiz Competition 2012 (3rd place)

Best Performance at GCE (A/L) Examination in Physical Stream - 2016
Best Performance at GCE (O/L) Examination - 2013
Best All Rounder in O/L Section - 2013
Student Receiving the Highest Number of Prizes - 2013,2014,2015

Projects

Object Detection, Tracking, Re-Identification and Activity Recognition for Maritime Surveillance using Thermal Vision
[Final Year Group Project]
I am currently working for developing a vessel re identification system using thermal vision. For that my main research is to explore methods for building a synthetic thermal vision dataset using GANs.

System for Predicting Hotel Reservation Status
[Individual] [Github Code]
Implemented a ML model for predicting the hotel reservation system and a Power BI dashboard to visualize the predicted results. Engaged in data pre processing, feature engineering and modeling using python, pandas, catboost etc.

Build a Model for Sales Forecasting System using AWS services like S3 bucket, Sagemaker [Ongoing Individual] [Github Code]
Implemented a basic level sale forecasting project using a dataset from Kaggle. Involved in feature engineering and building a model using xgboost installing it with conda and xgboost version provided using AWS.

Building a Named Entity Recognition Model for CV Screening System [Ongoing Individual] [Github Code]
Engaged in data scraping, data annotation for creating a quality dataset of CVs and created a named entity recognition model using Spacy Library and a PDF to text converter.

Beulah Audio Player Desktop Application with Customized Features
[Freelancing Group Project]
Worked as the main person to interact with client and managing the project. Also engaged in the development of the front end of the desktop application using React Js and Material UI.

Extra Curricular Activities

IEEE Young Professionals Sri Lanka
Secretarial team member for the Let's Talk event 2021

IEEE Women in Engineering Affinity Group - University of Moratuwa
Planning Director for 2020/2021
Co-Chairman of the WIE and PES collaboration webinar - Empower yourself as a Woman in Engineering
Co-Chairman of the event - "Accelerate your technical career"

IEEE Professional Communication Society - University of Moratuwa
Editor for 2021/2022
Editorial Team Lead of the 3min thesis competition

Rotaract Club of University of Moratuwa
Was a member of STF of Company Coordinators in "Are You Ready 2018" project and was the Company Coordinator for the Dialog Axiata PLC.

Member of the Junior Prefect Board - 2010

Completed IWMS Pianoforte Exams up to fifth level with Honours.

Articles

Spacy is a classy way for NER model creation [Link]

Beautiful Soup is indeed beautiful for scrapping [Link]