







ANNA WICKRAMASINGHE

SOFTWARE ENGINEER - AI & DATA SCIENCE

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 [GitHub](#)

SKILLS

KEY SKILLS

- Data Analysis and Visualization
- Data Cleaning and Preprocessing
- Statistical Analysis
- Machine Learning
- Deep Learning
- Web Development
- Object Oriented Programming
- Data Structures and Algorithms
- RESTful APIs

LANGUAGES AND TOOLS

- Python
- R
- HTML
- CSS
- JavaScript
- MySQL
- Flask
- Django
- Ionic/ Angular
- SQLite
- Bootstrap
- Git

PACKAGES & LIBRARIES

- NumPy
- Pandas
- SciPy
- Scikit-learn
- TensorFlow
- Keras
- PyTorch
- Matplotlib
- Seaborn
- Plotly
- Beautiful Soup
- Tkinter

SOFT SKILLS

- Problem Solving
- Work under minimal supervision.
- Self-learn and innovative
- Self Motivated
- Communication (English & Sinhala)

PROFILE

An enthusiastic and hardworking computer science graduate with a passion for Python programming, web development, and artificial intelligence, seeking a position in a high-level professional environment to expand my skills and software programming proficiency. Eager to apply theoretical knowledge to practical applications and develop innovative solutions.

EXPERIENCE

Web Developer - Intern

SLT Digital Lab - Research and Development Center, Colombo.

Feb 2022 - Aug 2022

Developed a web application using PHP, Ionic and MySQL to store and retrieve data of electrical and mechanical systems of a data center.

EDUCATION

Bachelor of Computer Science

Eastern University Sri Lanka

2018-2023

GCE Advanced Level in Physical Science Stream

Dhammissara National College

2013-2016

PROJECTS

Blog Website

A Flask and Bootstrap-based website dedicated to my reviews of recently watched Korean Dramas. It includes user registration and login features, enabling registered users to comment on articles while logged in. Admin privileges, such as editing, deleting, and creating articles, are reserved for the user with ID 1. Users have the capability to edit or delete their own comments.

LANGUAGES

- English
- Sinhala

REFERENCES

Mr. M. Ramanan
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PROJECTS

Heart Disease Risk Predictor

A Feed Forward Neural Network model utilizing a Flask server and HTML for the frontend to predict heart risk levels. This regression-focused neural network tackles the challenge of forecasting heart risk, showcasing the integration of machine learning and web development technologies.

Laptop Price Prediction Model

A feedforward neural network aiming to predict the price of laptops based on features such as the laptop's brand, processor speed, RAM size, storage capacity, screen size, & weight. The implemented approach involves a linear regression model.

Cat and Dog Image Classification Model

Trained Convolutional Neural Network for classifying given set of images of cats and dogs into their corresponding category.

Fake Human Face Generator

Generative Adversarial Network for generating fake human faces from a random noise input.

Stock Market Value Prediction Model

Recurrent Neural Network to predict Apple Company's stock market values based on their previous stock values last 5 years.

Snake Game

Snake Game implemented in Python using Turtle Library and Object-Oriented Programming (OOP) principles.

See my all projects on GitHub

CERTIFICATES

Hack Like a Girl - Hackathon 2022

Participated and selected to final 15 teams.
(Organized by SLASSCOM in collaboration with IFC)

Certificate in Deep Learning

Issued by: Edxcope | Global Eye International (Pvt) Ltd.
Date of Completion: 26/02/2022
Relevant Skills: Deep Learning, Neural Networks
