


ISIRA RATHNAYAKE

Developer ~ Data Analyst


 Website

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 Dambulla

 isira-rathnayake

SUMMARY

I am an enthusiastic and adaptable professional with a background in software development and data analysis. Eager to start my career, I have a strong foundation in programming and data handling. I'm passionate about learning and ready to contribute to your team's success while further developing my skills.

SKILLS

Languages: Python, C/C++, Java, SQL, NoSQL, MATLAB, LaTeX

Technologies: Excel, SolidWorks, Blender, PowerBI

PROJECTS

C Programming	Neofetch-like System Information Display A Neofetch-inspired C-based command-line tool for Windows that visually displays key system details using ASCII art. github.com link
Python - Analysis	Analysis of Roobet Crash Cryptocurrency Casino Game Developed a modified Martingale strategy to achieve guaranteed positive profit, involving precise adjustments of decimal numbers. github.com link
Python - Web Scraping	Data Extraction of Vehicle Listings from Riyasewana.com Performed web scraping to extract 12,749 car listings from Riyasewana.com and conducted comprehensive analysis and reporting. github.com link
KivyMD, Godot	Countdown Timer App Developed a Countdown Timer App for a debate competition held by the University of Peradeniya. Created two versions of the app using different technologies. github.com link
Python	3D representation of a SEM images Utilized Seaborn to process SEM images and generate 3D depth surfaces, providing valuable insights into the topography of the samples. github.com link
Html, CSS	Personal Website Build a Personal Portfolio Website Using Basic HTML and Templates. github.com link
TensorFlow	Object Classification using Deep Convolutional Neural Network Used TensorFlow Sequential API and Functional API to build and Train NNs. Worked with datasets such as EMNIST, Horse vs Human, Cat vs Dog, and Rock Paper Scissors Datasets.

EDUCATION

6/2022 - Present	BSc. Physical Sciences (Reading) Studies Computer Science, Mathematics, and Physics. University of Peradeniya
10/2021 - Present	BSc. Hons. Mechatronics Engineering Specialization (Reading) Enrolled in a Flexible open distance learning program. Open University of Sri Lanka
	G.C.E. Advanced Level (2020) Very Good Passes in Combined Mathematics, Physics, and Good Pass for Chemistry Kekirawa Central College
	G.C.E. Ordinary Level (2017) Passed exam with Seven Excellent Passes Including Science, Mathematics, English, and Commerce Rangiri Dambulla Central College

LICENSES & CERTIFICATIONS

x/2021 - x/2021	Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning An online non-credit course authorized by DeepLearning.AI and offered through Coursera link
x/2021 - x/2021	Kaggle Micro-Courses Kaggle Certificate of Completion in the following areas: Python, Pandas, Intro to SQL, Data Visualization, Feature Engineering, Intro to Machine Learning, Intermediate Machine Learning, Computer Vision, Time Series, Intro to Deep Learning, and Intro to AI Ethics link