ASHEN RANAWEERA

UNDERGRADUATE

CONTACT

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Github
https://github.com/ashen8810

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EDUCATION

2021-present
Bachelor Of Science
- Mathematics
- Computer Science
- Statistics

University Of Peradeniya - Faculty Of Science

G.C.E A/L

Royal College Colombo 07

TECHNICAL SKILLS

Programming Skillset
- Python
- Java
- C
- R
- HTML5
- CSS
- Java Script
- Arduino

PROFILE

I am an Enthusiastic data science undergrad with practical problem-solving skills, driven to enhance ML/DL, and data visualization abilities. Passionate about solving complex data challenges. Committed to being a valuable team member. Eager to contribute to a data science internship and exceed expectations.

CERTIFICATIONS

Finalist in Datathon - 2022
- SLIT
- Got selected to the final 8 teams in data science hackathon

Finalist in MiniHackathon2021
- International Conference in DataScience (UOJ)
- Got selected to final 5 teams in data science hackathon

PROJECTS

BodimLK Website
2023
- Developed a website to find boarding houses
- Technologies used
  - Django
  - Html, CSS, JavaScript
  - Django DB

PDF2Word Webapp
2023
- Developed a website to convert PDF files into Word files with having customer answering chatbot
- Technologies used
  - Flask
  - Html, CSS, JavaScript
  - NLP
  - ML
  - Firebase

Technologies

- Tensorflow
- Sklearn
- NLTK
- OpenCV
- Django
- Flask
- MySQL
- Firebase
- Data Structures
- Chatbots
- Socket Programming
- Linux
- LaTex

Tools

- Github
- VScode
- Canva

Software Skills

- Microsoft Excel
- R Studio
- Microsoft PowerPoint

SOFT SKILLS

- Team Working
- Leadership
- Self Awareness Creativity
- Communication
- Problem Solving
- Teaching

LANGUAGES

- Sinhala
- English

RMBG Webapp

2022

- Developed a website to remove the background of people
- Technologies used
  - Tensorflow
  - Html, CSS, JavaScript
  - Flask
  - DL

Temperature detection Using AMG8833 Sensor

2022

- Developed a temperature detector using AMG8833 sensor and OpenCV
- Technologies used
  - RaspberryPi
  - OpenCV

Lab Security System with FaceRecognition (IOT)

2022

- Built IOT lab safety system using Raspberrypi
  - Instant Messaging/Email
- Technologies used
  - Arduino & RaspberryPi
  - VGG pre-trained Model
  - DL

HateSpeech Recognition for Sinhala Web App

2022

- Developed a website to check whether a given phrase is toxic or not
- Also this has API support
- Technologies used
  - NLP
  - Streamlit & Flask
  - ML - {LSTM}

Image Classifier Web app

2021

- Developed a website to classify images with the ability to add more classes by the user
- Technologies used
  - Django
  - Html, CSS, JavaScript
  - Django DB

Whatsapp Interactive ChatBot Using Twilio API

2020

- Developed a chatbot which can communicate through users via whatsapp.
- Technologies used
  - Twilio API
  - ML

EXTRA-CURRICULAR ACTIVITIES

- **Technical Officer - Computer Society University Of Peradeniya (2022-Present)**
- **Member - Rotaract Club University Of Peradeniya (2020-present)**
- **Member - Mathematical Society University Of Peradeniya (2020-present)**
- **Member - RedCross Society Royal College (2014-2017)**

EXPERIENCE

- **Worked as a Computer Operator Intern at the Election office - Gampaha (2019-2020)**

MY REFERENCE

Mr. Prabhath Gunathilake

Senior Lecturer,
Faculty of Science,
University of Peradeniya
prabhathg@sci.pdn.ac.lk

Viranga Jayawardena

President
Computer Society UOP
president.csup@soc.pdn.ac.lk

DECLARATION

I hereby declare that all the information contained in this Resume is in accordance with facts or truths to my knowledge. I take full responsibility for the correctness of the above information.

Ashen Ranaweera