



ASHEN RANAWEERA

UNDERGRADUATE



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.



CONTACT



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Github

<https://github.com/ashen8810>



LinkedIn

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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



CERTIFICATIONS



Finalist in Datathon - 2022

- SLIIT

- 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

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Faculty of Science,
University of Peradeniya
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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