Tharindi Hansika

Contact

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Languages

English
Sinhala

Profile

A third year Computer Science undergraduate of General Sir John Kotelawala Defence University. I'm an ambitious, self-motivated individual who likes to accept responsibilities and challenges to engage actively in the projects and to try out innovating new things to my fullest strength and courage. And, I'm enthusiastic to explore new things.

Education

- **BSc (Hons) Computer Science**
  General Sir John Kotelawala Defence University
  2019 – 2022

- **GCE Advanced Level / GCE Ordinary Level**
  Ferguson High School, Ratnapura

Personal Projects

- **Marshal Fitness**
  A cross platform project to decrease cadet's fail rate of PT tests by mentioning their weaknesses in
  muscles and giving relevant exercises to them. It is conducted to identify the cadets who have weak performance in the PT test and give them a PT schedule with the web application to increase their weaknesses of muscles, and to increase their pass rate.
  2nd Year Group Project

- **Library Management System**
  A fully functional library management system using Java for librarians.

- **Object identification with speech recognition**
  A Python project using neural networks to identify objects after giving commands using voice and to identify objects through the camera and give voice output.

- **Static web application for an event**
  Static web application is created using HTML, CSS, and JavaScript to give the publicity for the event and to register students.

- **A research on an Intelligent smart mirror for virtual fitting**
  A smart mirror model for virtual fitting using the concept of Augmented Reality with 3D realistic experience in real time and visualization for individual customers.

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Skill Highlights

- Java
- HTML
- CSS
- JavaScript
- Python
- MySQL
- Azure

Certifications

- **Completed "Azure Fundamentals" certificate issued by Microsoft**

- **Completed "Neural Networks and Deep Learning" certificate offered by Coursera**

- **Completed "Introduction to Cyber security" certificate offered by Cisco.**

- **Completed "Cyber security and Internet of Things" certificate offered by Coursera.**

- **Completed "Java Application Development" certification course by University of Colombo School of Computing**

- **Completed "Java (Basics)" certificate offered by HackerRank.**

Soft Skills

- Leadership
- Problem Solving
- Quick Learner
- Communication

Achievements

- Deputy Games Captain of Ferguson High School, Rathnapura.
  2016 – 2017

- Selected for Semi-finals in WIE HACK 3.0 organized by BVPIEEE

Experience

- **Microsoft Learn Student Ambassador**
  - Completed my first event " Introduction to Azure fundamentals and core Azure architectural components" as an MLSA.
  - Achieved Beta Milestone.

- **Assistant Treasure of IEEE Student Branch of General Sir John Kotelawala Defence University**

- **Video Editor for StudPro 4.0 IEEE Young Professionals Sri Lanka.**

- **Chief Co-Ordinator of IEEE WIE Student Branch of General Sir John Kotelawala Defence University.**
  - Got experience while being the assistant chief organizer for the event Estágio 2021, "Spirit to sail your own ship" for undergraduates before their internship.