

OBJECTIVE

Achieve professional excellence through effectively utilizing my knowledge while engaging in challenging, creative and diversified projects and adding value to the organization in every aspect, where my skills are used to serve the community. I am eager to enhance my knowledge and work experience to respond to new challenges with commitment & hardworking and give creative solutions.

ACADEMIC QUALIFICATIONS

❖ B.Sc. (Special) Degree in Computer Science

Department of Computing and Information Systems
Wayamba University of Sri Lanka
2016 -present

Current GPA (3.67/4) (Up to 5th Semester)

Dean's List : Semester 1, 2, 3, 5 Courses: Computing & Information Systems, Mathematics, Statistics, Electronics

❖ G.C.E.Advanced Level (Physical Science Stream) (2015)

Sanghamitta Girls College, Galle
B-1 C-2

❖ G.C.E.Ordinary Level (2011)

Prajapathi Girls College, Ambalangoda
A-8 B-1

RESEARCH

❖ FOREX Trend Prediction Using Deep Learning Techniques (on going) :

Building a model that can predict the directional movement of high price rate of US Dollar vs Japanese yen (USD/JPY) currency pair in two hour timeline based on Technical Analysis and Sentiment Analysis of forex news headlines using Long Short Term Memory Neural Network and Bert Algorithm

PROJECTS

❖ System for Handling Sport Events of Clubs

A web application to publish the sports events organized by clubs and handle the events such as managing teams and events details, ticket reservations etc.

Technologies : React js, Node js, express js, MongoDB

<https://github.com/premarathne/sport-events-of-clubs-handling-system.git>

❖ Gate Pass Management System for Authorized Vehicles

This system developed for Security section related to two main gates in our university to reduce traffic congestion near the gate

Technologies & tools: C#, Arduino

<https://github.com/premarathne/Disease-Prediction-Web-App.git>

❖ Disease Prediction System

System ask questions from patients to predict the exact disease. Patient can find nearest hospital if it disease is serious

Technologies & Frameworks: Python, Flask, HTML, JavaScript, CSS

<https://github.com/premarathne/Disease-prediction-system.git>



ANJULA PREMARATHNE

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🎂 16th July 1995

PERSONAL SKILLS

- ❖ Fast Learner
- ❖ Self Motivated
- ❖ Team Work
- ❖ Leadership
- ❖ Adaptability
- ❖ Problem Solving

TECHNICAL SKILLS

- ❖ Languages
 - Java
 - Python
 - HTML5
 - PHP
 - CSS
 - C#
 - JavaScript
- ❖ Framework/Libraries
 - React js
 - Flask
 - TensorFlow
 - Keras
 - express js
- ❖ Databases
 - MySQL
 - Mongo DB

REFEREES

- ❖ **Dr. Tharinda Nishantha Vidanagama**
Senior Lecturer,
Head,
Department of Computing
& Information Systems,
Faculty of Applied Sciences,
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- ❖ **Prof.N.J.G.Dias**
Senior Professor,
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Systems Engineering,
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Technology,
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❖ Private Hospital Management System

Technologies : Java,Java Swing, MySQL

<https://github.com/premarathne/Private-Hospital-Management-System.git>

❖ CryptoCurrency

This Website is designed for lecturer in charge of crypto currencies.

Technologies & Frameworks: Wordpress, Javascript

<https://github.com/premarathne/CryptoCurrency.git>

❖ Tetris Game

Technologies: Java

<https://github.com/premarathne/Tetris-Game.git>

ACHIEVEMENTS

- ❖ 3rd place in WUSL ENGIMA TRIALS 2020 coding competition conducted by Department of Computing and Information System in Wayamba University
- ❖ Appreciated by Faculty Award for Excellence in Academic and Extra Curricular Activities during Academic year 2015/2016
- ❖ Certified for Completion of Machine Learning by Stanford University Course in Coursera
- ❖ Certified for Completion of Python for Data Science course by iNeuron.ai
- ❖ 1st place in Mathematical Science Day Quiz Competition conducted by Department of Mathematical Sciences
- ❖ Participated Inter University Badminton Matches in 2017, 2018
- ❖ 1st place in Freshers' and Inter Faculty Badminton Championship in 2017
- ❖ 1st place in Inter Faculty Badminton and 2nd place in Elle Championship in 2018

EXTRA CURRICULAR ACTIVITIES

- ❖ Committee Member at Association of Computing and Information System Students Society in Wayamba University in 2017
- ❖ Participated Aces Coders Hackathon 2020 organized by University of Peradeniya and HomeAlone Hackathon 2020 organized by University of Moratuwa
- ❖ Presented an exhibit of line following robot in Wayambin Dayata Exhibition in 2018
- ❖ Player in Badminton Team of Wayamba University
- ❖ Volunteered for Wayamba International Conference - WINC 2018

I do hereby declare that the above particular furnished by me are true and accurate to the best of my knowledge.

Date : 31/10/2020

A.W.A.S.Premarathne