



Computer Science & Engineering Undergraduate

About me

An energetic individual with exceptional integrity and honesty, coupled with set of skills and competencies could obviously achieve very high level of success. Self motivated and adaptive person as well as an individual who believes in team work and work towards team effectiveness.

Skills

Programming

Java Python C# C++ PHP
HTML Android MySQL SQLite

Tools & Frameworks

IDEA Git Symfony Amazon AWS

Other

Mathematics Team Work

Hobbies

Cricket Quoting Solving Puzzles

Extra Curricular

- CS & ES Batch Representative (Jun 2014 - Current)
- Volunteer Educational Seminars (2012 - Current)

Referees

Dr. H M N Dilum Bandara

@ dilumb@cse.mrt.ac.lk

+94712082071

Senior Lecturer, Department of Computer Science & Engineering, University of Moratuwa.

Dr. Charith Chithraranjan

@ charithc@cse.mrt.ac.lk

Lecturer, Department of Computer Science & Engineering, University of Moratuwa.

Jawadh Salih Rifath

@ jaward.12@cse.mrt.ac.lk

7B/145, Jayawadanagama, Battaramulla.

+94 776685104

jawadh-salih.github.io

lk.linkedin.com/in/jawadhsalihrifath

github.com/Jawadh-Salih

Education

- 2013-Now University of Moratuwa, Katubedda, Sri Lanka **Current GPA - 3.53**
Undergraduate BSc. Engineering(Hons)
Computer Science and Engineering
- 2009-2011 Thurstan College Colombo-03 Island 10th with 3As (z.Score - 3.0878)
GCE Advanced Level (2011) Physical Science Stream.
Most Outstanding Student for the year 2011.
- 1998-2008 President's College Kotte
Primary & Secondary Education (GCE Ordinaly Level)

Experience

Co-Director IT Rotaract Club of Alumni of University of Moratuwa

Aug 2016 - Current

Developed and Maintain the Club website throughout the year.

Trainee Software Engineer Pulz Technologies (PVT) LTD

Oct 2015 - Mar 2016

Project on Realtime Speech Processing by capturing soundwaves and process it to make respective phonemes in real-time. The project was completed with an accuracy of approximately 20%.

C# Bayesian Networks Accord.Net Framework SQLite

Teaching Assistant- Mathematics Zahira College Colombo

Nov 2012 - Feb 2013

Projects

Automated Query Generator for CEP

April 2016 - Current

The project is conducted to solve a key challenge faced by CEP (Complex Event Processing) users, which is to write queries to be processed through CEP engines. Even users who are with high domain knowledge is unable to write proper queries as it only covers a small percentage of use cases. Goal of the project is to allow users to automatically or semi-automatically generate CEP queries, by finding event sequences from given a collection of events that had happened before. This will make CEP engines accessible to a wider audience.

Python Java Weka Time Series Shapelets

Vote Counter System

Sep 2016 - Current

Developing a Vote Counter System by identifying the images of Ballot Papers for a semester Computer Vision project. This system detects the Party which is voted and the numbers voted for the respective party. Also it verifies the validity of a voted ballot paper.

C++ OpenCV Machine Learning

Sign Language Gesture Detection with MYO arm band

Jun 2016 - Sep 2016

A Solution was developed to detect sign language gestures by analyzing captured Emg data from the Armband.

MYO SDK C++ Visual Studio