

CHAMOD SAMARAJEEWA

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Education

2014 - Present

University of Moratuwa

B.Sc. Engineering (Hons) Degree (Computer Science and Engineering)

Current GPA : 3.9523

2005 - 2013

Rahula College, Matara

GCE A/L examination results

Island Rank - 2

Mathematics -A

Physics-A

Chemistry-A

GCE O/L examination results

8A s for subjects including maths and science

Project Experience

Smart Planner (Current Semester Project)

An Android application and a web server to analyze data

Designed and partially implemented

Technologies - Android(JAVA), Laravel PHP framework, MongoDB

Inventory management system (Academic project)

A java application to manage inventories of Dakshina lanka opticals

Designed and implemented the whole system

Technologies- JAVA, MYSQL

JAVASCRIPT validation library (Community Project)

A library which will provide the real time validation of html forms.

Designed and implemented the whole system

https://github.com/ChamodDamitha/C_Validate

https://bitbucket.org/chamoddamitha/c_validate-library

Blog written about the way I created the library

<http://cdsvalidate.blogspot.com>

Technologies - JAVASCRIPT, HTML

Route tracking system (Freelance Project)

An Android application to track location of users and send it to server to analyze

Designed and implemented

In the final testing phase

Technologies - Android(JAVA), SQLITE, MQTT

Result management system (Community project)

A web based application developed for students to record their semester results

to calculate their GPA.

Designed and implemented the whole system

<http://cdsresultcal.esy.es>

Technologies - HTML, Laravel PHP framework, JAVASCRIPT, MYSQL

Tanks multiplayer game client (Academic Project)

A desktop client application to connect with a game server

An artificial intelligent game player was implemented

Technologies - UNITY, C#

Management information system (Academic Project)

A web based application developed for the information management for a music school where a huge database is managed.

Designed and implemented

Technologies - HTML, Laravel PHP framework, JAVASCRIPT, MYSQL

Image Processing Tool (Current Semester Project)

A desktop JAVA application which have the functionalities of processing images

Efficient algorithms were used

Technologies - JAVA

Process scheduling simulator (Academic Project)

A graphical simulator describing the scheduling criteria of the dispatcher of an OS via round robin algorithm.

Designed and implemented the whole system

Technologies – JAVA

Skills and Attributes

Languages - JAVA, C, C#, PYTHON, PHP, JAVASCRIPT,HTML

Fluent libraries - JQUERY, BOOTSTRAP

Frameworks - LARAVEL, JUNIT, UNITY

Database Management - MYSQL, SQLITE, MongoDB

Mobile technologies - Android

IDEs - Netbeans, PhpStorm, Android Studio, Notepad++

Version controlling- Git, Mercurial

Operating systems - Windows, Ubuntu

Achievements

Code Expertz 2.0 software competition - Runners up

Moraxtream 1.0 software competition - 16th place

IEEE Xtreme 10.0 - World Rank 253

Mathematics Olympiad Competition 2012 - Top 40 in the country

References