

Luke Nitish Kumar

PERMANENT ADDRESS:

76/11, Thotupola Road
Welisara
Home: 011 - 4- 955331
Mobile: 077 - 8378356

E-mail:

nitsanluke@yahoo.com

nitsanluke@gmail.com

Web site: <https://sites.google.com/site/lukenitish/>

PROFILE:

My interest relies totally on my willingness to learn new things, the most important skill that I've acquired from my under graduation is to learn how to learn, understating and quickly grabbing new things have been gradually improving when I learn new things. Work that I find interesting is what encourages me to learn and requires me to get involved. The knowledge that I have gained from the under graduation in computing gives me a good understanding of important basic concepts that I can apply to learn & do new things which are more complex.

TERTIARY**EDUCATION:**
(2008 to Date)**Bachelor of Computer Science**

University of Colombo School of Computing,
GPA of 4.00 on a 4.25 scale (up to 2nd year)

Courses taken include:

Compilers and Automata Theory
Software Engineering Design
Middleware Architectures
Neural Networks
Cryptography Systems
Network Technologies
Operating Systems Design
Object-Oriented Development
Rapid Application development
Relational Database
Advanced Algorithm and Data Structures
Management

SECONDARY

EDUCATION: Alma mater - St. Joseph's College Colombo -10
(1994 to 2007)

GCE A/L 2007 - 3 B's in Mathematics Stream
(Physics, Chemistry and Combined Mathematics)
Colombo District Rank: 232, Z – Score 1.8828

GCE O/L 2004 - 9 A's

PROJECT

EXPERIENCE:

HGRS – Hand Gesture Recognition System

System introduces hand gestures to be used as an input device, it is widely Researched and an immerging field in Human Computer Interaction (HCI) System enables users to control desktop environment using hand gestures

Supervisor: Dr. G.P.S. P. Wimalaratne PhD (Salford)

DTIS – Deforestation Tracking and Inference System

System uses satellite images of particular forest area to track deforestation
This project was selected for Microsoft Imagine Cup 2010 as one of the eight finalist projects in the island wide finals.

Mentor: Dr. Mrs. A T Dharmaratne PhD (Hiroshima)

Web Development:

Web site developed using Joomla (CMS)

For National Water Supply and Drainage Board (NWSDB) Colombo–10 office CRMS with an Online Complain portal, and a SMS module to notify users

UCSC Resource Management System backend designed using PHP and MySQL
Data base frontend from Java Script, HTML, and CSS

Other Programming Projects:

DFA/NFA String matching and transition graph generation tool developed using Java.

Parser developed for a given Syntax using C++

Developed a own version of “malloc” & “free” routines using C

PROGRAMMING

EXPERIENCE: Worked with JAVA, C#, ANSI C, C++, MATLAB
(During the under graduation program)
Knowledge on RPC, RMI
Scripting languages: PHP, Java Script
Web technology HTML, XML (related technologies)
Data Base: MySQL, MSSQL
Modeling: UML
Functional Paradigm Knowledge – Scheme

TOOLS: IDE's – Net Beans, Visual Studio, MATLAB, Dreamweaver
Modeling – Microsoft Visio
Operating Systems – Windows, Linux
Web Server – Apache, IIS
Data Base – MySQL, Microsoft SQL Server

SOFT SKILLS: Proactive Performance, Creativity and Innovation, Self Awareness,
Global Mindset, Socially Responsible, Emotional Intelligence, Problem Solving,
Personal Effectiveness, Team Leading and Management, Flexible Thinking,
Effective Communication, Result Orientation, Commitment to Results,
Negotiation skills

OTHER

EXPERIENCE: Worked for OLPC project, Localization (In language translation)
Worked for IDP's online registrations process supported by UCSC

Non Related Referees

Dr. G.D.S.P. Wimalaratne
B.Sc. (Col), PhD (Salford), SMIEEE, MCSSL
Senior Lecturer
Director Career Guidance Unit
University of Colombo School of Computing
No: 35, Reid Avenue, Colombo 7,
Sri Lanka.
Office: 0112 – 581245 /7
E-mail: spw@ucsc.cmb.ac.lk

Dr. T. N. Kasun De Zoysa
BSc. (Col), PhD (Stockholm)
Senior Lecturer
University of Colombo School of Computing
No. 35, Reid Avenue, Colombo
Sri Lanka.
Office: 0112 – 581245 /7
E-mail: kasun@ucsc.cmb.ac.lk
Web site: <http://www.ucsc.lk/People/tnk/>