

# Wijemuni Madhawa Udayakantha De Silva Gunasekara

No 59,"Pream Sewana", Brahmanawaththa, Balapitiya.

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## **Objective**

"Joining a progressive firm, this will make use of my talents and experience as a Software Engineer. I believe that my technical, functional and communication skills will enable me in facing the challenging career ahead."

## **Areas of Expertise**

- Java
- MVC architecture (J2EE Servlet / JSP, Play 2.0)
- Spring, Strut2.0 Frameworks
- Hibernate
- Design Patterns
- Android Development
- C & C++
- ExtJs4.0, Ajax, Java Script, CSS
- RMI/RPC
- Jboss 5.1/Apache Tomcat
- Maven/Ant build tools
- Eclipse/ Netbeans /Visual Studio 2010 IDEs
- UML (MS Visio)
- MySQL
- HTML, XML
- Joomla, php
- Python, R
- Matlab, OpenCV
- Web Services (Axis)
- Git version control system
- Linux/Windows OS

## **Profile**

I am a **4<sup>th</sup>** year undergraduate of **Bachelor of Science in Computer Science** at University of Colombo School of Computing, who trained as a Java developer at eBuilder Technologies, Nawala. I have acquired a good understanding of software development process, and have also received high commendations on my ability to work independently or as a fully enthusiastic team member.

## **Personal Information**

- Age : 24
- University : University of Colombo School of Computing  
(2009 – 2013)
- School : G/Richmond College
- Nationality : Sri Lankan
- Gender : Male
- Marital State : Single

## **Work Experience**

- Worked as a **Trainee Software Engineer (Java)** at eBuilder Technologies, Nawala (April 2012 to September 2012).

## **Professional Qualifications**

- A member of IEEE

## **Personal Skills**

- Problem Solving
- Multitasking
- Communication Skills (Sinhala & English)
- Creative Ideas
- Group Working Skills
- Desire to Learn and Be Trained

## **Academic Qualifications**

- Undergraduate student of Bachelor of Science in Computer Science at University of Colombo School of Computing (2009 – 2013)

### **Subjects**

#### ***1<sup>st</sup> year:***

Introduction to Programming (**Java**), Introduction to Probability & Statistics, PC Application Laboratory(Linux), System Analysis & Design, Computer Systems, Introduction to Data Structures & Algorithms, Software Engineering, Data Base Management Systems, Mathematics for Computing

#### ***2<sup>nd</sup> year:***

Operating Systems, Rapid Application Development, Object Oriented programming, Analogue and Digital Electronics 1, Internet Programming, Introduction to Programming Languages, System Programming (using c), Advance Data Structures and Algorithms, Statistical Inference for computing, Analogue and Digital Electronics 2, Numerical Computing

#### ***3<sup>rd</sup> year:***

Middleware Architectures, Cryptography Systems, Networking Technologies, Neural Computing, Group Project: Efficient Emergency System, Planning and Management of Software Projects, Multimedia Technologies, Literature Survey: Applications for Neural Fuzzy, Management, Professional Issues

#### ***4<sup>th</sup> year:***

Individual Research Project, Advance Software Design Concepts, Artificial Intelligence, High Performance Computing, Wireless Ad-hoc Sensor Networks, Bioinformatics, Research Methods, Research Seminar

- Qualified at G.C.E. A/L in Mathematics Stream (Obtaining Z-Score 1.7317 with A-1, B-1, C-1)
- Qualified at G.C.E. O/L obtaining 6 'A' passes and 3 'B' passes

## **Project Experience**

- **4<sup>th</sup> year research project “Investigating the relationship between facial images in different poses” :**

Currently develop a face recognition system (Matlab/openCV) in order to build a relationship between 2D face images of the same person with different poses. The ways in which a person's facial feature points change according to his or her pose is considered in this investigation.

*(Supervisors: Dr. A. T. Dharmarathne and Mr. K. D. Sandaruwan)*

## References

### ▪ **Academic:**

Dr. Mrs. A.T. Dharmaratne,  
BSc (Col), MEng (Hiroshima),  
PhD (Hiroshima) (Senior Lecturer  
Gr. II),  
University of Colombo School of  
Computing,  
35, Reid Avenue,  
Colombo 07,  
Sri Lanka.  
Email :- [atd@ucsc.cmb.ac.lk](mailto:atd@ucsc.cmb.ac.lk)  
Contact:-011-2158985

### ▪ **Character:**

W. E. Silva,  
Assistant Engineer,  
Construction Branch,  
Ceylon Electricity Board,  
No. 608,  
Galle Road,  
Ratmalana.  
Contact:-0718478058

- *I hereby certify that above mentioned information is true and accurate to the best of my knowledge. Furthermore I am also aware that I can be held liable if above information is refuted.*

W.M.U.De.S Gunasekara,  
BSc. (Computer Science)  
Undergraduate,  
University of Colombo School  
of Computing,  
09/15/2013.

- **Developed a Shipment Monitoring tool of Nokia ASA:** for support team at eBuilder Technologies (Java, Extjs, strut, hibernate project)
- **Efficient Emergency System (3<sup>rd</sup> year Group project):** Informing emergency situations to the nearest police station by sending a quick http request msg by using our “EES” android app, and indicating location to the police. (J2EE & Android project)
- **Developed an Auction system for bidding:** for 3<sup>rd</sup> year Middleware (using java RMI, RPC and Web Service Axis)
- **Online Library System:** using layered architecture (JSP/ Servlet)
- **Online Resource management system:** for 2<sup>nd</sup> Year IP group project for the UCSC using (php/html/xml)
- **Web site for garment factory and the shop of “Tharindu Enterprises” company:** is developed for 2<sup>nd</sup> Year RAD group project (using Joomla (CMS), php, MySQL, xml)

## Extracurricular Activities

### **Sport Events**

- University of Colombo Colours holder for Track and Field 400\*4 m (2011)
- Participated in Inter University Games for 800m & 400m hurdles (2011,2010)
- Won the 1<sup>st</sup>, 2<sup>nd</sup> places in the 400m\*4 event at the University Track & Field Championship (2011, 2010)
- 1<sup>st</sup> place in the 400m hurdles at the University Open Track & Field Championship (2010)
- Was the house captain of “Small” house in Richmond College Sports Meet (2006)
- Participated in Sri Lankan University Games for 400m Hurdles (2010)
- Participated in the Southern Provincial Athletics Meet for under 19 1500m (2006)
- 1<sup>st</sup> in 5000 m, 2<sup>nd</sup> in 1500m, 2<sup>nd</sup> in Road Race & 3<sup>rd</sup> in 800m of the Sports Meet of Richmond College (Under 19) (2006)

### **Artistic Capabilities**

- 3<sup>rd</sup> in Southern Provincial Group instrumental competition (1998)
- 2<sup>nd</sup> place in Richmond College Library Day Art Competition (2005)

### **Other**

- Member of the Computer Science Society University of Colombo (since 2011)