

## **B.C.P.S.S. Madusanka Balasooriya**

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### **OBJECTIVE**

To become an asset to a software development company and work in a competitive environment where my knowledge and technical skills will be in greater use and thereby achieve company goals.

### **PERSONAL**

Date of Birth	03.03.1988
Nationality	Sri Lankan
NIC	880631888 V

### **ACADEMIC QUALIFICATIONS**

2009 - Present	Bachelor of Science in Computer Science University of Colombo School of Computing (UCSC)
1999 - 2007	Royal College, Colombo 7
1994 - 1998	Bandarawaththa Parakkrama Maha Vidyalaya, Gampaha

### **1st Year Subjects**

- PC Applications Laboratory
- Computer Systems
- Introduction to Programming
- System Analysis and Design
- Introduction to Probability and Statistics
- Mathematics for Computing
- Introduction to Data Structures and Algorithms
- Database Management Systems
- Software Engineering

## 2nd Year Subjects

- Analog and Digital Electronics
- Operating Systems
- Object Oriented Systems Development
- Internet Programming
- Rapid Application Development
- Introduction to Programming Languages
- Numerical Computing
- System Programming
- Advanced Data Structures and Algorithms
- Statistical Inference for Computing

## 3rd Year Subjects

- Networking Technologies
- Data warehousing, Data mining and Information Retrieval
- Neural Computing
- Professional Issues
- Compilers and Automata Theory
- Middleware Architectures
- Cryptography Systems
- System Design For Internet
- Group Project
- Management
- Literature Survey

## 4th Year Subjects

- Research Seminar
- Research Methods
- High Performance Computing
- Special Topics in Theoretical Computing
- Wireless Ad-hoc and Sensor Networks
- Distributed Systems
- Advanced Concepts of Software Design and Development
- Individual Research Project

## Secondary Education

- G.C.E. (A/L) 2008 Mathematics Stream - 1 A and 2 B's
- G.C.E. (O/L) 2004 - 9 A's and 1 C

## WORK EXPERIENCE

- Completed six months internship as a **Trainee Software Engineer** at OrangeHRM which provides HRM software solutions.
- Worked in the **Customizations Team** under Mr. Samantha Jayasinghe who is the Senior Tech Lead of the company.
- Technologies Used:
  - Symfony - MVC web framework
  - Doctrine - ORM framework
  - PHPUnit - Unit Test framework
  - SVN - version control system
  - PHP
  - MySQL
  - CSS
  - JavaScript

## PROJECT EXPERIENCE

- **Rapid Application Development Project** - I was part of the group that developed the Learning Management System (LMS) and the main web site of Department of Economics of University of Colombo.
- **3rd year Group Project** - A web based SaaS solution for Sri Lankan small businesses for collaboration. Provides functionalities such as chat, file sharing, notice board and mobile access

## RESEARCH PROJECT

- My research project is “An Empirical Study of The Behaviour of Web Services on Enterprise Service Bus”.
- In this research, the core features of an Enterprise Service Bus are empirically studied and statistically analyzed in terms of CPU usage, memory usage, mean response time and throughput.

## PROFESSIONAL QUALIFICATIONS

- Completed the SCJP course - 2010
- Completed the SCWCD course - 2011

## EXTRA CURRICULAR ACTIVITIES

- Participation in the Inter House Sports Meet - 2000
- Participation in the 14th Asian Athletic Championships - 2002
- Member of the Royal College Environment Conservation Society - 2002
- Member of the Royal College Chemistry Society - 2005
- Participation in the IFO++ exhibition held by UCSC - 2010

## INTERESTS

- Java SE/Java EE
- SOAP/RESTful Web Services
- Enterprise Service Bus
- Web Application Development

## REFEREES

Mr. G.P. Seneviratne  
Senior Lecturer  
University of Colombo School of  
Computing  
UCSC Building Complex,  
35, Reid Avenue, Colombo 7

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Email - [gps@ucsc.cmb.ac.lk](mailto:gps@ucsc.cmb.ac.lk)

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Senior Lecturer  
University of Colombo School of  
Computing  
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35, Reid Avenue, Colombo 7

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I hereby certify that above information furnished by me is true and accurate for the best of my knowledge.

...15/09/2013...

Date

...Madusanka Balasooriya...

Signature