



IFANCY ARIARATNAM

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Personal Profile:

- Fresh undergraduate with outstanding academic credentials
- Good team player and extremely fast learner
- Seek new challenges to further enhance my knowledge, technical skills and soft skills
- More passionate towards the area of Artificial Intelligence
- Ability to meet deadlines while maintaining a high standard of work

Technical skills and Language skills:

- Programming Language skills: Java, Python, Android, C#.Net, C, C++, SQL, PHP
- Frameworks: Spring, Struts, Hibernate, JavaServer Pages, Maximum Entropy
- Machine learning toolkits: Apache OpenNLP, Natural Language Toolkit (NLTK 2.0)
- Web technologies: HTML, XML
- Database packages: MySQL, HQL
- Design Patterns: Model-View-Controller
- Case Tools: Microsoft Visio, Star UML, Argo UML and Cacao
- IDE's: NetBeans, Eclipse, Dev- C++ and Visual Studio 2010.
- Experience on using Joomla Content Management System.
- Platforms: Windows (XP to 7), Linux (Ubuntu), Android
- English – Excellent, Tamil – Native, Sinhala – Fair

Industrial Experience:

- Software Engineer (Intern) - (April 2012 to October 2012) - **VIRTUSA Corporation**

Project - AKURA (School Management System)

ÀKURA is a School Management System that utilizes the latest technology to facilitate a new managerial experience for the Principal and Teachers of a School and Parents. ÀKURA manages the attendance, the academic activities, the co-curricular activities and assists in the

religious activities and discipline of a School. The Principals and Teachers could view the progress of a Student at a personal level and also at a class and grade level which provides a good measure of the Student's progress within the School.

Used Technology- Spring Framework 3.2, Hibernate 3.0, JDK 1.6, HQL, JSP, MySQL

Available at: <http://akuraschools.org/>

Academic Projects:

○ **Towards A Shallow Parser for Tamil (Partial Parsing: POS Tagging, Chunking, Dependency Parsing)**

To provide some machine understanding of the syntactic structure of the natural language sentence without generating a complete parse tree. It is useful in Information extraction, Speech synthesis, and Machine translation.

Used Languages and Tools - Java, Maximum Entropy framework, Natural Language Toolkit

○ **Android Mobile Application** (Easy and Efficient Navigation System)

To identify the shortest path and least traffic path from current location to the destination for the people who are using the private vehicles and to identify the bus routes, numbers and bus fares for the people who are using the public transports while saving money/time.

Used Languages and Tools – Android SDK, Java, MySQL

○ **E-Commerce Web Portal** for MediaCentre, Unity Plaza, Colombo -04

The web site was completed successfully for a computer accessories whole sale and retail sales company. Web Site comprises of the product catalogue, photo gallery, videos, helpdesk, testimonials, report generation at the backend, information about the company and contact page. The site was developed with the shopping cart and the ability of online payments and the ability of viewing in three languages English, Sinhala and Tamil.

Used Languages and Tools - Joomla(CMS), PHP, MySQL, VirtueMart

Available at: <http://mediacentre.lk/>

○ **Library System**

This system is developed to automate the main library of University of Colombo. The developed system implemented using Java and is able to do book and user registration, transaction handling and report generation. System's functions are user login, book registration, student registration, searching books, issuing books, return process.

Professional Qualifications:

2010 **Diploma in Java Programming** from IDM City Campus, Colombo-06.

Academic Qualifications:

2009 - Present

Bachelor of Science (Hons) in Computer Science

University of Colombo School of Computing – 4 Years

Current GPA: **3.40**

- 2008 **G.C.E Advanced Level Examination in Physical Science Stream**
Z-score: 1.6484
Results: 2Bs and C
- 2005 **G.C.E Ordinary Level Examination**
Results: 8A
All main 8 subjects, including Mathematics, English Language, Social studies & history, Business Studies & Accounting and Science & Technology.
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Extra-curricular Activities:

- ✓ 2006 - 2008 **Senior prefect**
 - ✓ 2007 **Treasurer** of Catholic Union
 - ✓ 2006 - 2008 **Member of Youth Invention Club**
 - ✓ 2007/2008 **Member of the Red Cross Society**
 - ✓ 2003 - 2007 Participated in **Athletics** and obtain places in **School level, Divisional level, Zonal level, District level and Provincial level.**
 - ✓ 2007 Participated at the **Field Study Camp** on conservation of environment, organized and conducted by Science & Technology branch of **Ministry of Human Resource Development** Education & Cultural Affairs.
 - ✓ 2007 Obtained "**High Distinction**" in **Australian National Chemistry Quiz** conducted by Royal Australian Chemical Institute.
 - ✓ Participated in the English language Competitions, Science day Competitions in the school level, zonal level and obtained places.
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Non-Related Referees:

Dr. A. R. Weerasinghe
(B.Sc. (Col), MSc (Cardiff), PhD (Cardiff))
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I hereby certify the information given above is true and correct to the best of my Knowledge.

Date: 15th September 2013

Ifancy Ariaratnam
