

## PERSONAL INFORMATION



## Rajith Vidanaarachchi Vidanaarachchi

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 <http://bit.ly/Rajith>

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Sex Male | Date of birth 15 September 1991 | Nationality Sri Lankan

## PERSONAL STATEMENT

A Computer Science & Engineering undergraduate seeks a six month internship in Software Development or a related area as a part of graduation requirements.

## WORK EXPERIENCE

01 January 2014–Present

## Trainer

Sri Lankan Informatics Olympiad, Colombo (Sri Lanka)

- Coaching algorithms, data structures and problem solving. for members of the Sri Lankan Informatics Olympiad pool.

01 March 2014–Present

## Pre Intern

99X Technologies, Colombo (Sri Lanka)

<http://www.99xtechnology.com/>

- Developing a mobile application using Phonegap/Cordova and SQLite.

Business or sector Software

01 October 2011–31 May 2013

## Facilitator

Sarvodaya Shramadana Movement, Moratuwa (Sri Lanka)

<http://www.sarvodaya.org>

- Facilitated cross cultural understanding workshops for teenagers.
- Organized "The Journey: An interfaith experience" for students of different faiths to learn about each other.

Business or sector Social Work

## EDUCATION AND TRAINING

06 October 2011–Present

## B.Sc. Eng. in Computer Science and Engineering (Honours)

EQF level 6

University of Moratuwa, Moratuwa (Sri Lanka)

## General

- Core Computer Science Subjects
  - ☐ Algorithms
  - ☐ Data Structures
  - ☐ Object Oriented Programming
  - ☐ Software Analysis & Design
  - ☐ Microcontroller Programming
  - ☐ Database Management

- ☐ Networking
- ☐ Computer Architecture
- Core Engineering Subjects
  - ☐ Mathematics
  - ☐ Thermodynamics & Mechanics
  - ☐ Civil Engineering Fundamentals
  - ☐ Electrical Engineering Fundamentals
  - ☐ Materials & Manufacturing Processes
- Humanities Subjects
  - ☐ Photography
  - ☐ Video Production
- Occupational
  - Software Development Skills
  - Knowledge in Project Management
  - Communication Skills

01 September 2011–31 August 2012

### Certificate

Bandaranaike Institute of International Studies, Colombo (Sri Lanka)  
<http://www.bcis.edu.lk>

Spanish Language

01 January 1997–31 August 2010

### G.C.E. (Advanced Level)

EQF level 4

Ananda College, Colombo (Sri Lanka)  
<http://www.ananda.sch.lk>

General

- Physical Sciences
  - ☐ Combined Mathematics (Applied & Pure)
  - ☐ Physics
  - ☐ Chemistry

Occupational

- Leadership in ICT Society

## PERSONAL SKILLS

Mother tongue(s) Sinhala

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Spanish	B2	B1	B2	B1	B1
Certificate in Spanish					
Hindi	B2	A2	B1	B1	A2
Tamil	A2	A2	A2	A2	A1
Secondary School					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user  
[Common European Framework of Reference for Languages](#)

### Communication skills

- Excellent communication skills acquired through facilitating cultural understanding workshops for children.
  - Received Training in workshops conducted by Arigatou International in:
    - Colombo, Sri Lanka
    - Coimbatore, India
    - Geneva, Switzerland
- Excellent language acquisition skills by experience as a self motivated language learner.
- Excellent teaching/coaching skills from many years of conducting private classes and training young programmers.

### Organisational / managerial skills

- Excellent organizational and management skills gained through my role as a batch representative at the university.
- Good leadership skills gained as the President of the School ICT Society.

### Job-related skills

- Good command in a wide range of programming languages.
- Great experience in problem solving. (Winner of many programming competitions)
- Good understanding of Object Oriented Programming and its principles.

### Computer skills

- Software Development Tools
- Other Software Tools

## ADDITIONAL INFORMATION

### Projects

#### ■ Discover Lanka

Integrated maps API and developed the core structure of a location based, content aware Android application with an ontology based machine learning algorithm.

*Won the award "Most Creative Application" at "CodeFest - 2013" by the Sri Lanka Institute for IT.*

#### ■ Cyber Security Drill

Played the ex-con role and developed strategies in a simulated D-DoS attack on banks and evaluated their emergency responses.

#### ■ Decision Support System for SoilTech Pvt. Ltd.

Designed the system architecture and coded the users bundle in a predictive project management system for a construction company. PHP with Symphony Framework.

*(CS2062: Object Oriented Software Design, Group Project)*

#### ■ Engineering Gastronomy : A Documentary

Directed a documentary movie on food habits and dietary patterns of undergraduates.

*(DE2370: Video Production)*

#### ■ Worm Locomotion Robot

A Worm Locomotion Robot built using scrap materials, mimicking the earthworm motions. Won the

3rd place overall and the 1st place in most precisely moving robot category at a worm robot racing competition held at the university.

(CS1962 - Engineering Skill Development, Group Project)

#### Honours and awards

##### **National Science Olympiad Competitions**

- Sri Lankan Informatics Olympiad
  - 2007 (Bronze), 2008 (Silver), 2009 (Silver), 2011 (Bronze)
- Sri Lankan Physics Olympiad
  - 2011 (Gold)
- Sri Lankan Mathematics Olympiad
  - 2010 (Bronze), 2011 (Silver)

##### **Education at University of Moratuwa**

- 4.0 / 4.2 GPA - Dean's List

##### **IEEEExtreme Programming Competitions**

- 2011 : World Rank (100) | Country Rank (10)
- 2012 : World Rank (71) | Country Rank (7)
- 2013 : World Rank (48) | Country Rank (4)

#### Memberships

IEEE : Institute of Electrical and Electronic Engineers  
CS&ES : Computer Science and Engineering Society

#### References

References are available on request.