

Aruni Bandara

No7, Bandiwela Rd, Kuda Wadduwa, Wadduwa

TEL: Mobile (+94)71-4716869

E-mail: akbandara21@gmail.com

PERSONAL INFORMATION

Full name : Herath Mudhiyanselage Aruni Kumari Bandara

Date of Birth : 1988-10-11

NIC : 887852324V

CAREER OBJECTIVE

To become a highly skilled professional in the field of computer programming and vision with the practical usage of computer science knowledge reinforced with my skills and contribute to the team, employed institute and the betterment of mankind.

ACADEMIC QUALIFICATIONS

- **University: University of Colombo School of Computing**
Degree Program: Bachelor in Science (Computer Science) 2009-2013 (pending)

GPA: 3.2688

Key Courses of Study

Advanced Data Structures and Algorithms

Planning & Management of Software project

Pattern Recognition

Special Topics in Theoretical Computing

Cryptography Systems

Neural Computing

Compilers and Automata Theory

Artificial Intelligence

High Performance Computing

- **General Certificate of Education (Advance Level) Examination** **2008**
Physics Stream z-score: 1.8038
- **General Certificate of Education (Ordinary Level) Examination** **2004**
10 Distinction Passes – A (Including English Literature)

WORK EXPERIENCE

Inova IT Systems (Pvt) Ltd.

April 2012 – January 2013

Software Engineer Trainee

PROJECT EXPERIENCE

CPMS (Construction Project Management System) during Internship

Involved in developing some of the components of the system. System is used to automate most of the parts of construction of hydro power projects which take place in Sri Lanka as well as overseas.

Technologies: Java, Seam framework, Jboss Developer Studio IDE, Xhtml, JSF components : Richfaces, Ajax, MySQL/EJB-QL, Xampp server, MySQL Work Bench, TortoiseSVN, Winmerge, Bug Tracker

3D Image Stitching Using Scale Invariant Features

2013

Research type project, done as final year project. 3D image streams distorted by applying alpha blending considering SIFT features and projecting them in order to get seamless view on the display.

Technologies: DirectX 9.0, Visual Studio IDE, C++, Matlab

Robot arm with six degrees of freedom with vision capabilities

2011

Research type project, Robot arm with six degrees of freedom with vision capabilities which can be used to change object position. Involved in image processing phase.

Technologies : Image processing (Opencv libraries, Visual studio IDE), Port Programming (C/C++), PIC Programming (MPlab, C/C++)

LANGUAGE PROFICIENCY

- Followed English courses up to level Pre Advanced 1 at British Council with excellent grades (2007 – 2009)

RELATED SKILLS

- Programming Languages : Java, C, C++, C#, python
- Database Systems : MySQL ,Mysql Server, MSAccess, EJB-QL
- Web Technologies : HTML, XML, PHP and Java Script , JSP, ASP.net
- Web Servers :Apache Tomcat
- Operating Systems :Windows, Linux
- Design Tools : Microsoft VSIO
- Development Environment : Net beans, Visual studio, Matlab and MPlab, Eclipse
- Java Cryptography
- Image Processing :Opencv Libraries, Aforge.NET, Directx

EXTRA CURRICULAR ACTIVITIES

As an undergraduate

- Member of CompSoc- Computer Science Society of University Colombo
- Participated in Inter-faculty chess tournament:2009
- Participant as a Demonstrator in IFO++ exhibition in 2010
- Participant of all social activities which organized by UCSC since 2009 academic year

As a school student-Sri Sumangala Balika Maha Vidyalaya,Panadura

- Have been Deputy Head Prefect of the school in year 2007.
- Have been a senior prefect in 2003, 2004.
- Participated in English and Sinhala creative writing competitions and won prizes.
- Participated in Australian National Chemistry conducted by Royal Australian Institute
 - awarded with higher distinction in junior division in 2004
 - awarded with distinction in senior division in 2006
- Participated in school chess tournaments and won places and was a member of Chess team.

INTERESTS

- Reading Fiction
- Listening to Music

REFEREES

Prof. N.D Kodikara

Senior Lecturer

University of Colombo School of Computing

35, Reid Avenue, Colombo 7

E-mail: ndk@ucsc.cmb.ac.lk

Tel: (+94)11-2581245

Mr.Nihal Harischandra

Technical Specialist

Inova IT Systems (pvt) Ltd

No5, Suleiman Terrace, Colombo 5

E-mail: nihal@inovaitsys.com

Tel: (+94)11-2593823

I hereby certify that the above information given is true and accurate to the best of my knowledge

Aruni Bandara.

15th Sept. 2013