

RESUME

NUWAN ISHANTA SENARATNA

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SRI LANKA.

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Date of Birth: July 3rd 1982.

1. Education

Primary and Secondary Education at Royal College, Colombo from 1988 to 2002 (www.royalcollege.lk)

2001: G. C. E. (Advanced Level) Examination: "A" grades for Combined Mathematics, Chemistry and Physics

1998: G. C. E. (Ordinary Level) Examination: Distinctions in all nine subjects offered

1998: Represented Royal College, Colombo at the Australian Chemistry Olympiad

1996: Represented Royal College, Colombo at the Australian Mathematics Olympiad

Tertiary Education at the University of Colombo from 2002 to 2006 (www.ucsc.cmb.ac.lk)

2006: Completed the Bachelors Special Degree Programme in Computer Science (Honours) with a First Class

2006: Completed final year research project on topic "Automatic Music Composition using a Tree of Emergent Systems" (Supervisor: Dr. Nalin Ranasinghe)

2006: Established a University record by getting "A" grades in all subjects in all four years of the degree

2005: Was team leader of (his) Third year Group Project Team developing a "Timetable and Resource Scheduling System" for the University of Colombo

2004: Successfully completed the Speechcraft programme conducted by the Smedley Toastmasters Club at the University Of Colombo School Of Computing, during the third year, during the third year

2004: Successfully completed a course on Cryptography conducted by the Ministry of Information and Communication (Republic of Korea) and the Korea Agency for Digital Opportunity and Promotion

2. Awards

University of Colombo

2006: Awarded the Professor Mohan Munasinghe Award for Best Computer Science Student

2006: Awarded the CINTEC Award for the best Computer Science final year project presented by Computer Information & Technology Council (CINTEC) of Sri Lanka.

2003: Was awarded the Scholarship for Academic Excellence on the results of the First Year Examination

National Best Quality Software Awards, Sri Lanka (www.nbqsasrilanka.org)

2006: Tertiary Student Project – Gold Medalist

2006: Microsoft Partner Award for Best Product Developed using Microsoft Technology

Asia Pacific ICT Awards 2006, Taipa, Macau (www.apicta.com)

2006: Won the Gold award for the Tertiary Student Project Category (This was Sri Lanka's first ever APICTA award)

British Computer Society Professional Examinations (www.bcs.org)

2002: Was judged "Top International Winner" in 2002 (Certificate Level) in Software Engineering, Hardware Technology and Information Systems, and accordingly received a special award.

2002: Was also "Top Sri Lankan Candidate" in 2002 for the highest average mark among all levels (Certificate level, Diploma level, Advanced Diploma level).

3. Publications

2006: N. I. Senaratna (2006). Automatic Music Composition with AMCTIES. Proceedings of the 8th International Information Technology Conference (IITC2006), Colombo, Sri Lanka.

2006: R. I. Senaratna and N. I. Senaratna (2006). Minimizing life cycle costs of industrial LV distribution networks. Proceedings of the 13th Annual Conference of the IET Sri Lanka Network, Colombo, Sri Lanka.

2006: D. N. Ranasinghe and N. I. Senaratna (2006). Automatic music composition based on the emergent systems paradigm. Proceedings of the Annual Sessions 2006 of the Sri Lanka Institute for the Advancement of Science, Colombo, Sri Lanka.

4. Research and Teaching Related Employment

- 2007: Will be joining the University Of Colombo School Of Computing as a Temporary Assistant Lecturer
2005-2006: Worked with Adelanka Pvt. Ltd. (Sri Lankan arm of UK based Soundmouse Ltd.) as a Student Researcher on a range of music related applications (www.soundmouse.com)
2004: Worked as a Student Researcher on a project for Brandix Ltd. (Sri Lanka's largest clothing manufacturer), developing a Fabric-Utilization Optimization Application based on AI techniques (www.brandix.com)

5. Other Employment

- 2006: Working as a Business Analyst with Millennium Information Technologies, Sri Lanka (www.millenniumit.com).
2005: Worked with Industrial and Financial Systems (IFS) R & D Ltd. (www.ifsworld.com), as a trainee software developer (July 2005 – December 2005) as part of Bachelors Degree Internship

6. Test Scores

- 2006 December: GRE Subject Test Computer Science – Pending
2006 March: GRE General Test – Analytical: 6.0(96%), Quantitative: 800(92%), Verbal: 640(90%)
2006 March: TOEFL – Total: 670, Listening: 66, Writing: 68, Reading: 67
2006 March: TWE – 6.0
2005 December: GRE Subject Test Computer Science – 820(84%)

7. Other Interests

Music

- 2004: Winner of the 6th Biennial Concerto Competition of the Symphony Orchestra of Sri Lanka.
2003: Conferred Licentiate of the Royal Schools of Music, London in Performance (LRSM)
2002: Conferred Associate Diploma in Music Theory, Trinity College, London (AMusTCL)
1999: Winner of the Second Annual Sri Lankan Competitive Festival of Music, Speech, Drama & Dance - Piano Category (Open), organized by the British Federation of Festivals of Music, Dance & Speech, London
1998: Conferred Associate Diploma in Performance, Institute of Western Music and Speech, Sri Lanka (AIWMS)
1998: Winner of the "Young Musician of the Year" Competition, organized by the Institute of Western Music and Speech, Sri Lanka

General Knowledge Quizzes

- 2005: Winner of the "Sri Lankan Masterminds" Knowledge Competition organized by the Lions Club, Sri Lanka
2003: Represented Sri Lanka at the 6th "SAARC TV Quiz", Kathmandu, Nepal
2001: Selected to represent Sri Lanka at the 5th "SAARC TV Quiz", Dhaka, Bangladesh in 2001, but had to forgo the opportunity due to the competition's schedule clashing with the GCE Advanced Level Examination.
2001: Winner of the "Walls Discovery Quiz" organized by Discovery Channel and the Sri Lanka Rupavahini Corporation. In addition to captaining Royal College, Colombo to victory, (Nuwan Senaratna) was also judged highest scorer overall, highest scorer in the semi-final rounds and highest scorer in the final.
2000: Winner of the "Sri Lankan Masterminds" Knowledge Competition organized by the Lions Club, Sri Lanka

Volunteer Service

- 2005: Red-Cross Volunteer during 2004/2005 Tsunami Relief Effort

8. Referees

Dr. Ruvan Weerasinghe

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Dr. Gihan Wikramanayake

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Dr. Nalin Ranasinghe

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November 27th 2006

Nuwan Ishanta Senaratna