

# Curriculum Vitae

## S. M. DILSHAN HARSHANA

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## My Objective

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To launch my professional carrier in the field of Electronic and Telecommunication Engineering, while enhancing my skills through a good industrial exposure and engage in challenging, creative and diversified projects where my knowledge is used to add value to the organization as well as the community.

## Educational Qualification

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### University Education:

Undergraduate (3rd Year), B.Sc. Eng (Hons) in Electronic and Telecommunication Engineering,

- First year, first Semester GPA - 3.91 (Dean's List) ranked 44th
  - First year, second Semester GPA – 3.79 ranked 24th
  - Second year, first Semester GPA – 3.88 (Dean's List) ranked 11th
  - Second year, second Semester GPA – 3.81 (Dean's List) ranked 14th
- Overall GPA – 3.85 (Out of 4.2) Ranked 18th (Out of 100).*

### School Education:

- GCE A/L Examination 2008 (In Mathematics stream)
  - 3 distinction passes for Mathematics, Physics and Chemistry.
  - Z-Score: 2.3999
  - District Rank: 16 th (Kurunegala District)
  - Island Rank: 213 th

## Achievements

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- IEEE Xtreme International Programming Competition 5.0 in 2011, World Rank: 219 (Leader of the team,"MoraICC").
- Achieved the best A/L result of the Science section in 2008.
- Awarded the Gold medal for the best Mathematics Student in year 2007/08 in Ibbagamuwa Central College.
- Participated in Maths Olympiad 2009 in Sri Lankan Level.

## Projects Involved

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- Constructed an Electronic Double Lamp Holder with dimming capabilities and remote controller as the Level 1 - June term project.
- Constructed a Robot for the robot Competition 2010/11 in the department.
- Involved in a WiFi Strength Analysis project carried out in the University Premises.
- Designed a 4-Way Junction Traffic Light Control System using FPGA.
- Designed a Smart Switching System for Water Pump as the Electronics project in Grade 11.
- Currently developing a Digital Oscilloscope using FPGA.

## Extra Curricular Activities

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- Student member of IEEE (Member ID : 92095956)
- Student member of IESL
- Member of the Technical Crew of EXMO FM Radio channel in EXMO exhibition 2010.
- Member of the Department Soft ball Cricket team (Back to back Champions in Tronix Premier League).
- Active member of University Buddhist Society.
- Member of the School Media Unit (2002-2007) and the Treasurer of the School Science Society 2007/08.
- Treasurer of the Past Pupils' Association (ICCIANS\_UoM) of Ibbagamuwa Central College in University of Moratuwa.

## Skills

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- A sound knowledge in JAVA and C programming.
- Familiar with Verilog programming for FPGA and Can use MATLAB, Simulink.
- Fair knowledge in computer aided Electronic Circuit Design using ORCAD and 3D modelling using SolidWorks.
- Familiar with Microsoft Office applications.
- Ability to work as groups and have leadership skills.
- Effectively manage time to achieve deadlines.

## Interests

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- Mathematics, (Numerical Methods, Real Analysis).
- Programming JAVA and Algorithms.
- Communication Systems.
- Playing Cricket, Computer LAN games and Listening Music.

## Personal Information

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- Full Name : Surinda Manannalage Dilshan Harshana
- Address : “Madushan”, Ragedara, Melsiripura, Kurunegala, Sri Lanka.
- Date of Birth : 25-12-1989
- Gender : Male
- Nationality : Sri Lankan
- Civil Status : Single
- NIC No : 893603573V
- Schools Attended : Ku/ Udakendawala Vidyalaya (1995-1997)  
Ku/ Akkarapanaha Vidyalaya (1997-2000)  
Ku/ Ibbagamuwa Central College (2000-2008)

## Non Related Referees

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I hereby certify that the above mentioned details are true and accurate to the best of my knowledge.

S.M.D. Harshana,  
23/03/2012.