

ISURU NUWANTHILAKA

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Objective

I am looking forward to find a challenging and interesting opportunity to apply both my theoretical and practical knowledge in the field of engineering.

Personal Details

- Date of Birth: 19th February 1995
- Nationality: Sri Lankan
- Languages: Spoken and written proficiency in both English and Sinhala

Education

Current

- University of Moratuwa, Sri Lanka - Third year student enrolled in the **B.Sc. Engineering (Hons)** degree Program (Specializing in **Electronic and Telecommunication Engineering**)
- Current GPA – 3.19

Education

- Ananda College, Colombo 10, Sri Lanka.
- G.C.E Advanced Levels 2014 :
4 A passes Combined Mathematics, Physics, Chemistry, General English
Placed 36th in the island and 11th in the Colombo District
- G.C.E Ordinary Levels 2011:
8 A passes and 1 B for English Literature

Achievements and Awards

- IEEEExtreme 11.0 – 24 Hour International Programming Competition organized by IEEE
Member of 3 member team **World Rank: 324**
- 3rd SAARC open karate-do championship 2007, Allahabad, India - **Bronze Medal**.
- Ananda College Triangular &International Goodwill School karate championship, Sri Lanka 2007 - **Silver Medal**
- Dialog Merit scholarship 2012 for Colombo district based on special achievements at G.C.E. Ordinary Level 2011
- MoraExtreme Programming Competition – member of Team CLIC
6th place – 2016
2nd place – 2017
- Dean's list - Semester 1 with SGPA 3.89 and placed 58th
- General Proficiency Prize – for 6 years at Ananda College, Sri Lanka.
- Subject Prizes at Ananda College, Sri Lanka including Chemistry (2013),Health and Physical Education(2011), Buddhism(2010),Science (2010,2008),Tamil(2009,2008)
- National certificate in computer application(Basic level) by computer resource center, Gampaha Educational Zone
- TADHACK SRI LANKA 2017 – Telecom Application Developer Hackathon
Member of team Riuscita organized by hSenid Mobile APIs – **6th Place**

Projects and Experience

- **Internship at Millennium Information Technologies**
 - Software Engineering Intern
 - 6 months of internship from 2018-June to 2018-Dec
- **RS-232 Communication Link (Group project)**
Implementation of a RS-232 Communication link on a FPGA
- **Water level Indicator and water pump controller (Group Project)**
Experienced microcontroller programming using Atmega328p
- **Hand Writing Recognition software (Group Project)**
Converting hand written notes into computer text and then convert into PDF file using technologies like machine vision APIs, OpenCV.

- **MyGPA Android Mobile Application (Individual Project)**

Android application for calculate and manage GPA

Live at <https://play.google.com/store/apps/details?id=isumalab.entc>

- **Donation handling software**

A RMI technology-based software written in java to handle donations. This is done under the Modular Software Development Module in semester 3

Skills

- Software Development:
 - Java – Intermediate
 - GO – Intermediate
 - Python – Intermediate
 - Docker/Docker Swarm – Intermediate
 - Postgres databases
 - Version Controlling – git
 - Azure Cloud Services – Azure Edge Hub, AKS
 - Hardware Programming: Verilog
 - Circuit Design and Simulation: Orcad, Proteus
 - Agile Practice – JIRA
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Courses

- Machine Learning – Coursera
<https://www.coursera.org/account/accomplishments/certificate/LYJZCS8BPSLD>
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Interest and Hobbies

Interest

- Software Development
- Algorithms
- Machine Learning

Hobbies

- Reading books
- Competitive programming
- Teaching