

ISURU NUWANTHILAKA

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LinkedIn Profile: <https://www.linkedin.com/in/isurunuwanthilaka/>

GitHub Profile: <https://github.com/isurunuwanthilaka>



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 - Final year student enrolled in the **B.Sc. Engineering (Hons)** degree Program (Specializing in **Electronic and Telecommunication Engineering**)
- Second class

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)
 - TADHACK SRI LANKA 2017 – Telecom Application Developer Hackathon
Member of team Riuscita organized by hSenid Mobile APIs – **6th Place**
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Projects and Experience (Software Engineering)

- **Internship at Millennium I.T. E.S.P**
 - Software Engineering Intern
 - 6 months of internship from 2018-June to 2018-Dec
- **CRAN based D2D communication (Final Year Project)**
 - WiFi direct communication link with smart devices to reduce access network traffic.
 - Skills : Java, Android, Firebase, Telecommunication, SDR
- **MiWifi Quota Management System (Internship Project)**
 - Developed backend system along with three-member team
 - Skills : Go, Java, Springboot, Docker, RESTful APIs, Postgres
- **Soap Counting Application for Hemas (Internship Project)**
 - Developed IoT solution to count soap in a product lane
 - Skills : Java, Azure Edge, RESTful APIs, Docker, Postgres
- **Water level Indicator and water pump controller (Group Project)**
Experienced microcontroller programming using Atmega328p
- **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>

Projects (Data Science)

- **Dialog Datathon 2019 – Smart City Planning based on CDR**
 - Developed machine learning models for smart city planning tasks
 - Skills : python, pandas, scikit-learn, seaborn, Azure DSVM
 - **Kaggle competitions** : userID: isurunuwanthilaka
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Skills

- Software Development: Java, Go, Python, Docker, Postgres database, REST
 - Data Science: Python, Pandas, TensorFlow
 - Version Controlling – git
 - Cloud Services – Azure Edge Hub, AKS, GCP
 - Communication skills and Teamwork
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Courses

- Machine Learning – 6 Coursera certifications
<https://www.coursera.org/user/997967c98d4817a64d504aebf6902ffd>
 - Modular Software Development
 - Algorithms and Data Structures
 - Udacity Deep Learning Nano Degree
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Interest and Hobbies

Interest

- Data Science
- Software Development
- Algorithms

Hobbies

- Reading books
 - Competitive programming – Hackerrank
 - Data Science competitions – Kaggle
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References

Dr. Kasun Hemachandra

Senior Lecturer,

Department of Electronic and Telecommunication Engineering,

University of Moratuwa, Sri Lanka.

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Dr. Tharaka Samarasinghe

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