ISURU NUWANTHILAKA
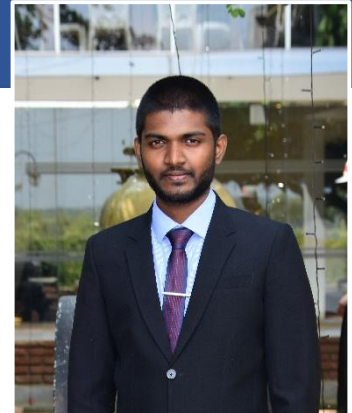
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GitHub Profile: https://github.com/isurunuwanthilaka

Objective

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

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 (Upper division)

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

- IEEEXtreme 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**

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
- **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

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

Courses

- Deep Learning nanodegree – Udacity
  https://confirm.udacity.com/434M3LSP
- Machine Learning – Coursera
  https://www.coursera.org/account/accomplishments/certificate/LYJZCS8BPSLD

Interest and Hobbies

Interest

- Android App development
- Data Science
- Software Development
- Algorithms

Hobbies

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