

# PERSONAL

**Birthday** 

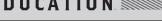
: II <sup>th</sup> June 1995

NIC 951630420v

**Nationality** Sri Lankan

Languages English, Sinhala

# EDUCATION



#### BSc(Eng) in Computer Engineering

University of Peradeniya, Sri Lanka

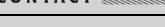
►Current GPA - 3.90 / 4

#### St. Anne's College, Kurunegala

(2006 - 2014)

▶G.C.E A/L ▶G.C.E O/L

# CONTACT





shyaman.me



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Temple rd, Millagoda Nikaweratiya

# SHYAMAN **JAYASUNDARA**

COMPUTER ENGINEERING UNDERGRADUATE

#### PROFILE

A self-motivated, hardworking undergraduate with good communication skills and leadership qualities who is currently maintaining First class GPA. Passion and enthusiasm drives me to seek perfection in the things I do.

# TECHNICAL SKILLS

PROGRAMMING LANGUAGES Java, C, Matlab

WEB TECHNOLOGIES HTML5, Nodejs, PHP, Servlet, JSON, MQTT

Arduino, Micro-controller Programming with C, HARDWARE PROGRAMMING ARM (Assembly Programming), FPGA (Verilog)

MySQL, MongoDB, PostgreSQL **DATABASE SYSTEMS** 

Git (Github) **VERSION CONTROL SYSTEMS** 

React Native **MOBILE DEVELOPMENT** 

**FRAMEWORKS** React, Botpress

Intellij IDEA, Visual Studio Code **DEVELOPMENT TOOLS** 

#### PROJECT HIGHLIGHTS

# 2018

2017

#### PeraRide (Group project - 3 members)

Automated bike sharing system for university students and staff to evaluate the mobility patterns of academic campuses and to assess the energy consumption and pollutant emissions produced by the universities.

Technologies: Arduino, MQTT protocoal, I2C protocoal, Node|S,

Android, React|S, SMS Webhooks, Docker

Contribution : Bike locking system, Administrator application,

Some of the REST API endpoints

Github repos: https://github.com/shyaman/PeraRide-AdminApp

https://github.com/shyaman/PeraRide\_Server

#### **PeraBot** (Group project - 3 members)

An intelligent Chatbot who is going to help university students and staff regarding academic related stuff with the implemented features of querying contact details of the academic and non-academic staff the faculty, making appointments for lecturers, getting subject details, getting timetables of both lecturers and students contact details and contact details querying

# INTERESTS

- ► Artificial Intelligence
- Machine Learning
- Biomedical Engineering
- Photography & Videography
- Video and photo editing
- Graphic Designing

Technologies: Botpress framework, Google calendar API, NodeJS,

Natural Language Processing (Dialogflow), PostgreSQL

Contribution: Implement features such as timetable querying, getting

subject details and contact details querying, making

appointments for lecturers.

Github page : https://shyaman.github.io/perabot-botpress/

**Database System for Fuel Bulk Depot** (Group project - 4 members)

In bulk depots, the information regarding the fuel distribution is mostly done manually. Therefore a computerized system is an easier way of recording data and handling transactions in very user friendly efficient method rather than using ledgers and books.

Technologies: PHP, CSS, MySQL, Javascript

Contribution: Front end, SQL queries

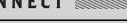
# EXTRA CURRUCULAR ACTIVITIES

- Participated ACES Hackathon 2018
- Participated ACES Hackathon 2017
- Volunteer experience in PATW 2017 organized by IET
- Photographer at Engineering Students Publication Society
- Photographer at Perabeats

# REFERENCES

Excellent references available on request.







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