



# SHYAMAN JAYASUNDARA

COMPUTER ENGINEERING UNDERGRADUATE

## PERSONAL

**Birthday** : 11<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

## 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

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

**DATABASE SYSTEMS**    MySQL, MongoDB, PostgreSQL

**VERSION CONTROL SYSTEMS**    Git (Github)

**MOBILE DEVELOPMENT**    React Native

**FRAMEWORKS**    React, Botpress

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

## PROJECT HIGHLIGHTS

2018

### 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 protocol, I2C protocol, NodeJS, Android, ReactJS, 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](https://github.com/shyaman/PeraRide_Server)

2017

### 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

## CONNECT



[github.com/shyaman](https://github.com/shyaman)



[linkedin.com/in/shyaman-jayasundara](https://linkedin.com/in/shyaman-jayasundara)

**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 CURRICULAR 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.