Chamika Nimsara Bandaranayake

Engineering Undergraduate

Currently studying at NSBM green university in Bsc (Hons) Engineering in Computer Systems Engineering and also at SLIIT in Bsc (Hons) in Information Technology Specializing in Software Engineering. Interested in Technology and new innovations.

PERSONAL DETAILS

Mobile: 077 585 2054
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PROFILES

- https://www.linkedin.com/in/chamika-bandaranayake/
- https://github.com/ChamikaNimsara
- https://chamikanimsara.github.io/myportfolio/

EDUCATION AND ACTIVITIES

NSBM GREEN UNIVERSITY
BSc (Hons) Engineering in , Computer Systems Engineering | Jun 2021 - Present
Aviation club - Vice President
Robotics and Innovations - member

SLIIT
BSc (Hons) in Information Technology , Specializing in Software Engineering | Jun 2021 - 2022

NALANDA COLLEGE COLOMBO
Jan 2007 - Dec 2020
Young Inventors Society - Secretary

2017 G. C. E Ordinary Level Examination
Mathematics A | Science A | English A | Sinhala A | Arts A | ICT A | Commerce A | History A | Buddhism A

2020 G. C. E. Advanced Level Examination
Combined Mathematics B | Physics C | Chemistry C

PERSONAL SKILLS

LEADERSHIP TEAM WORK CREATIVE

PROBLEM SOLVING PASSIONATE

RELIABLE AND PROFESSIONAL

MOTIVATED CRITICAL THINKING

ENGLISH COMMUNICATION AND WRITING

PRESENTATION SKILLS ORGANIZED

SKILLS

Web Development

HTML CSS PHP JAVASCRIPT

BOOTSTRAP

Database

SQL MYSQL

APIs

GOOGLE MAPS API

Technologies

ARDUINO RASPBERRY PI MATLAB

CISCO PACKET TRACER

Computer Aided Design

SOLIDWORKS

Programming Languages

JAVA C C++ PYTHON

IDEs

VISUAL STUDIO VS CODE ECLIPSE

NETBEANS

Design and Utility

ADOBE PHOTOSHOP FIGMA

ADOBE PREMIER PRO CANVA

MICROSOFT OFFICE

Projects

MULTI UAV AUTOMATED SYSTEM | 1ST YEAR PROJECT

Team Leader | Dec 2021 - Jun 2022 | NSBM

Main purpose of this project is to make an automated system to control multiple UAVs by a single user located in a distant position. There would be a main UAV followed by other UAVs in a systematic way. By doing so, we can reduce human labor used to control UAVs. The UAVs will be both automated as well as remote controlled.

C++ ARDUINO ALGORITHM LEADERSHIP

TEAM WORK

BUS TRACKING SYSTEM | 2ND YEAR PROJECT

Team Leader | Oct 2022 - Present | NSBM

Our project is to create a bus tracking system where using a web application we can detect the exact location of the specific bus and the estimated time of arrival of the bus to the required location. The project would consist of hardware side as to track the location of the bus and a software side to produce the result of the system.

GOOGLE MAPS API WEB DEVELOPMENT JAVA

TEAM WORK PROBLEM SOLVING LEADERSHIP

INVENTORY MANAGEMENT SYSTEM | SOFTWARE DEVELOPMENT PROJECT

Team Leader | Oct 2022 - Present | NSBM

github.com/ChamikaNimsara/Inventory-Management-System

The goal is to create a system that would efficiently manage coming in and going out of inventory. Every single inventory should be accounted for better Inventory Planning and Ordering.

SOFTWARE DEVELOPMENT DATABASE MANAGEMENT

BACKEND DEVELOPMENT PROJECT MANAGEMENT

TIME MANAGEMENT JAVA

CERTIFICATIONS

Java Professional Certificate
SLIIT | Aug 2021 | CJ 556

Fundamentals of Management Accounting
CIMA | Mar 2021 | 393666641

Fundamentals of Financial Accounting
CIMA | April 2021 | 393657038

Certificate in Advanced English
Cambridge | Aug 2018 | 187LK1155003

HOTEL RESERVATION SYSTEM | INTERNET AND WEB TECHNOLOGIES PROJECT
Team Member | Feb 2022 - May 2022 | SLIIT
github.com/ChamikaNimsara/Hotel-Reservation-System
A web based system to reserve hotels

SOFTWARE DEVELOPMENT   DATABASE MANAGEMENT

WEB DEVELOPMENT   TIME MANAGEMENT

TEAM WORK

ONLINE BUS TICKET RESERVATION SYSTEM | OBJECT ORIENTED PROGRAMMING PROJECT
Team Member | Feb 2022 - Aug 2022 | SLIIT
github.com/ChamikaNimsara/Bus-Reservation-System
A web based system to reserve bus tickets

SOFTWARE DEVELOPMENT   DATABASE MANAGEMENT

WEB DEVELOPMENT   TIME MANAGEMENT

TEAM WORK   JAVA SERVLETS