



PASINDU UDUWELA

COMPUTER ENGINEERING UNDERGRADUATE

"I'm energetic, adaptable, confident and smart Computer Engineering Undergraduate with excellent problem solving ,challenge taking skills. I'm interested in finding solution for the betterment of the society."

ABOUT ME

Name : U.D Pasindu Dhanushka
Nationality : Sinhala
NIC : 962301231V
D.O.B : 1996/08/17
Hometown : Horana

CONTACT

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INTERESTED FIELDS

- Full stack web development
- Software Engineering
- Mobile App Development
- Machine Learning, Deep Learning
- Natural Language processing
- IOT Developments

EDUCATION

2019-2021 Undergraduate (Year 3) -Faculty of Engineering University of Sri Jayewardenepura

The Bachelor of Engineering Honors in Computer Engineering

- Minor in Data Management
- CGPA(Overall) – 3.18

2017-2018 National Institute of Business Management (Colombo-07)

Completed Diploma in Software Engineering

- GPA(Overall) – 4.0

2013-2015 Taxila Central College Horana

Obtained A-(Combined Maths),B-(Physics), B - (Chemistry) at G.C.E. (A.L.) examination at 2017.

- Z-Score – 1.7112

2001-2012 Don Pedrick College Horana

Obtained seven distinction passes and two very good passes at G.C.E. (O.L.) examination 2012 including ICT as a subject.

MOOCS & CERTIFICATES

- Introduction To Amazon Web Services([Certificate](#))
- Machine Learning Online Course by Stanford University (on going)
- Google Analytics for Beginners([Certificate](#))
- Circuito'21 | PCB Designing ([Certificate](#))
- Creating Multi Task Models with Keras([Certificate](#))
- Neural Networks and Deep Learning by DeepLearnig.AI (On going)

SKILLED LANGUAGES

- ✓ Sinhala - Native proficiency
- ✓ English - Professional Working proficiency

CONCEPTS

- ✓ Natural Language Processing
- ✓ Machine Learning
- ✓ Data Mining
- ✓ Object Oriented Programming
- ✓ Data Structures and Algorithms
- ✓ Database Management
- ✓ Parallel Programming
- ✓ Information Security
- ✓ Cloud Computing
- ✓ Quality Engineering

SOFT SKILLS

- ✓ Communication
- ✓ Team Player Attitude
- ✓ Presentation Skills
- ✓ Creativity
- ✓ Time Management
- ✓ Competitiveness
- ✓ Adaptability
- ✓ Research & Development
- ✓ Fast learner

PROFESSIONAL AFFILIATIONS

- ✓ Student Member (Since 2020)
Institute of Electrical and Electronic Engineers(IEEE)
Membership No -98013948
- ✓ Student Member of Institute of Engineering Sri Lanka(IESL)
Membership No -S-27031

ACADEMIC PROJECTS

CEB Smart Electricity Meter System

Develop a web application and mobile application with a separate special device to measure home electricity usage and display it in an attractive dashboard with payment system. Tools used- Arduino| MySQL | HTML | JavaScript | CSS | AJAX | PHP APIs | Google Map API | Google SMTP | Heroku Database | Flutter

Hospital Management System

Develop a web application using Java server-side programming (Servlet+JSP) techniques. Tool used- Java | MySQL | Bootstrap | CSS | Java Mail API | Glass Fish

Smart Meter for home water management (Group Project)

Develop a web application(For Customer),C# desktop application(For Admin) and a separate device to measure home water usage and display it in an attractive dashboard with payment system. Tool used- Arduino | MySQL | HTML | JavaScript | CSS | Bootstrap

Garby-Automated Garbage Collecting Robot (Group Project)

Today the world is moving towards automated robots and AI technologies which replace human beings for multi-task activities. The essence of learning and applying state-of-art technologies is paramount to upgrade the living standards. To facilitate the above ideology, the project "Automated garbage collecting robot (Garby)" was initiated. The project comprises Kinematics, Control, Embedded Applications and Image Processing. Tool used- Arduino| PSoC | C# | MATLAB

Gihans Foods -Java Food Management System

Develop a java swing desktop application for a shop with CRUD, Bill printing and report generating features. Tool used- Java| MySQL | Jasper Report

Travel Asia -Travelling partner Mobile App

Develop a Flutter mobile application to sell camping items ,rent passenger vehicles and search nearest traveling places and hotel booking facilities in Sri Lanka .Tool used- Flutter | MySQL(Heroku db) | One Pay payment gateway | PHP APIs | Firebase | google Map API

NON-RELATED REFEREES

- ✓ Dr. Randima Dinalankara
B.Sc.Eng.(Moratuwa),
Ph.D.(University of Missouri)
HOD/ Senior Lecturer
Department of Computer
Engineering, Faculty of Engineering,
University of Sri Jayewardenepura,
Sri Lanka.

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- ✓ Dr. Udaya Wijenayake
B.Sc.(Hons)(Colombo),
M.Sc.(KNU,Korea), Ph.D.(KNU, Korea)
Senior Lecturer
Department of Computer
Engineering, Faculty of Engineering,
University of Sri Jayewardenepura,
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Linkind-[Pasindu Uduwela](#)



Facebook-[Pasindu Uduwela](#)



Github-[Dhanushka365](#)

Vihara Trade App -Car sale Management System (Group Project)

Develop a C# desktop application for a vehicle selling shop with Full CRUD features and automatic report generating features. Tool used- C# | SQL | Crystal Report | bunifu dll

EXTRA-CURRICULAR ACTIVITIES

- **Thinking Humans Facebook Page** – Facebook video and post creator since 2019.
- **Eduetor Educational Website** –Video tutorial and blog post creator for specially AL Maths and ICT Subjects and programming related since 2021 March

TECHNICAL KNOWLEDGE AND SKILLS

- Programming Languages

Python	C /C++	C#
Arduino	Java Script	Java
MATLAB	PHP	SQL

- Tools and Technologies

Android	Flutter	Firebase
MongoDB	Angular	NodeJS
AWS	Keras	Linux

VOLNTEERING EXPERIENCE

Volunteering in “**Sith Paura** ” Program Organized by
Faculty of Engineering ,USJ(2019)

DECLARATION

I do hereby declare that all the information given above
is true to the best of my knowledge and belief.