

BALAJEE A V

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OBJECTIVE

To use my specialized and tremendous abilities for strategizing and building up the best execution in an organization by utilizing inventive thoughts, aptitudes, and inventiveness for achieving ventures

EDUCATION

K.L.N.COLLEGE OF ENGINEERING

Bachelor of Engineering

Electronics and Communication

Cumulative GPA: 8.81(Present)

Relevant Coursework: Digital Electronics , Microprocessors and Microcontrollers ; Digital Image Processing

Sivaganga,TN

Aug 2019 - Jun 2023

VELAMMAL VIDYALAYA CBSE

Higher Secondary, HSC

Computer Science - PCM

Percentage: 71.4%

Madurai,TN

May 2019

VELAMMAL VIDYALAYA CBSE

Secondary School, SSLC

Cumulative GPA: 9.0/10

Madurai,TN

Jun 2017

MINI PROJECTS

MULTI LEVEL BIOMETRIC ATM

Jun 2022

- Designed and implemented in Hardware with 2-person team using Python and Raspberry Pi in IIPC Project
- It can recognize up to 3000 Users and stores the information in the authenticated database
- This project is mainly focused on Cybersecurity and Data Theft

TRAFFIC SIGN CLASSIFICATION

Jun 2021

- Designed and implemented in Python and Open-CV
- It is used in Automated Driving vehicles which can handle 3 different mechanisms like Path Correction, Traffic Signs detection and Distance between two vehicles to avoid accidents.

CHATBOT

May 2021

- Designed and implemented in Python (Keras)
- This tool helps add convenience for customers—they are automated programs that interact with customers like a human would and cost little to nothing to engage with.

AES ENCRYPTION AND DECRYPTION

Mar 2020

- Designed and implemented in C++
- It is most efficient algorithm for securing sensible data from attackers and here we used 128-bit configuration for enhancing the security level.

ADDITIONAL

Technical Skills: C & C++, Python, React JS, Verilog

Certifications & Training: Google Professional Cloud Security Engineer, NPTEL System Design through Verilog

Awards: District Level Chess Competition ranked 2nd out 500 players (2013)

Non-Technical Skills: Microsoft Excel, Photo and Video Editing

Interests: Information Technology and Cybersecurity, VLSI Design and Hardware Programming