Sangam Beura

B-Tech in Electronics and Communication Engineering
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Career Objective

Seeking to work in a firm with learning and challenging environment, utilizing my skills and knowledge to the best of my ability and contribute positively to my personal growth and fulfilling organizational goals.

Technical Skills

Languages   : C, Core JAVA, Basic knowledge on Python and SQL

Tools   : Eclipse,

Anaconda 3.0,SQL Server and Studio, Turbo C++, MATLAB,

Academics

Course	Institute	Duration	Score
Bachelor of technology	Centurion University of Technology and Management	2015-2019	7.5 CGPA
12th	Lokanath Mahavidyalaya, Korua ,Kedrapara, Odisha	2013-2015	51.16 %
10th	Naindipur High School,Patkura,Kendrapara,Odisha	2012-2013	74.00 %

Academic Project

Project Title   : Digital circuit optimization using particle swarm optimization (VLSI optimization)

Duration   : Aug-2017 till Dec-2017

Summary   : A Digital circuit can be designed in any number of ways. However, few of them might be using more logical gates. In today's world where hand held smart devices and wearables are trending, the chips used with the devices should be designed with the least possible space it may take. Enabling manufactures to make the best usage of the space and the decrease in logic gates would increase efficiency. This project was created for optimizing the digital circuit (namely full adder) using particle swarm optimization.

Tools and Technologies: MATLAB, C

Project Title   : Bank Application Using JAVA

Duration   : Jan-2019 till Apr-2019

Summary   : The main objective of this project is to develop a program for the requirements of a customer in banking environment in order to meet the needs of an end banking user by providing various ways to perform bank task. The project is a user Internet Application, where in client/internal user will login and initiate extraction of reports, summary, image file etc. Application also caters as a collection of check balance, change password, get statement, apply loan, transfer amount and log out. In this project, client logins into the Application form in internet browser, the authentication message of the user id and login is displayed and for security purpose the retrieved data and image is displayed on the browser.

Tools and Technologies: Eclipse, Edit plus, Oracle data base ,JAVA, SQL.

Project Title	: Object tracking based on shape and color using computer vision (Robotics)
Duration	: March-2020 till Apr-2020

Summary   : Raspberry Pi with a debian Linux was used opencv and was installed on the OS and additional packages   for image processing. The scope of this project was to use a video capturing device mounted with an operating system to detect objects. once detected it could identify their motion. The system was capable of detecting objects which are already defined in the systems and map them accordingly. This system detects the movement of the objects and their directions. The output of this module will be a key in the self-driving bots.

Tools and Technologies: Linux, Open CV, Python, Raspberry Pi

Training and Personal Development

- Learnt basics for Python and working on Linux environment by following online tutorials
- Hands on experience working on Linux operating system
- Attended workshop for robotics on campus
- Worked with Raspberry Pi for home entertainment during my free time

Soft skills

- Willingness to learn new technologies
- Good team player
- Good Problem solving skill
- Positive attitude

Personal Details

Father's Name	: Shivasekhar Beura
Mother's Name	: Mamata Beura
DOB	: 01-Mar-1998
Address	:AT- Madana, P.O. - Naindipur
	Kendrapara,
	Odisha
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Declaration

I, Sangam Beura, hereby declare that all of the information provided are correct up to my best of knowledge.

Sangam Beura