Kanakam Sai DIMPLE

Final Year B.E, Computer Science
JSS Science and Technology University
dimple.1698@gmail.com | +91-8867419797
LinkedIn | GitHub

Education

Program/Exam	Year	Institute	CGPA/Percentage
B.E, Computer Science	2016-Present	JSS Science and Technology University, Mysore	9.25/10.0
Senior Secondary (Class XII)	2015-2016	Deeksha,Mother Teresa PU college, Mysore	93.34%
Secondary (Class X)	2013-2014	Atomic Energy Central School, Mysore	9.2/10.0

Technical Skills

C • C++ • Data Structures and Algorithms • MySQL • Node.js • Jrxml • Java • Jest

Projects

Snake Game using Deep Reinforcement Learning [2019]

- Have implemented Deep Reinforcement algorithm using keras on top of tensorflow
- It lets an agent learn how to play the snake game and obtain a better score each time
- It uses deep Q-learning and artificial neural network, is based on markov decision process
- **Languages and Platforms used:** Python,Keras,Pygame

Hospital Database Management system [2018]

- Designed a web based application intended for patients and doctors
- Allows patients to book new appointments and view their previous appointments
- Allows doctors to check their schedules, enter diagnosis and easily prescribe medicines
- **Languages and Platforms used:** MySql,node js,Express js

Line Following Bot [2018]

- Designed a line following bot as part of CYBERIA fest
- Coded on Energia and Implemented on MSP430
- **Languages and Platforms used:** Energia,Embedded c

Python App using kivy [2019]

- Designed an application using kivy open source python frame work to solve simplex problem of maximization
- Project requested by Idustrial Production branch
- **Languages and Platforms used:** kivy,Python

Achievements

- **Executive technical team member:Linux Campus Club** [2019]
- **1st place in Bermuda Triangle(coding competition), 2nd place in Code Wars** [2018]
- **Participant,ROBOTIX workshop conducted by IEEE, SJCE** [2018]
- **Stood 4th in Line following bot competition, CYBERIA fest conducted by IEEE,SJCE** [2018]
- **Volunteer, FOSS camp** [2016-2019]

Interests and Activities

Singing • Sketching • Pencil Microart • Coding