AKHIL KRISHNA. R

PROFESSIONAL SUMMARY

I'm a young professional currently pursuing B. Tech in CSE (3rd year) at VIT University, Chennai Campus. A hard-working and self- motivated student in Computer Science, seeking an internship position to explore career options in the IT sector.

Personal Website: https://hailk11.github.io/blog

SKILLS

C C++ Java Python JavaScript HTML CSS PHP jQuery Bootstrap MATLAB Hadoop Machine Learning Node.js React.js Express.js

PROJECTS

LAB MANAGEMENT SYSTEM FOR VIT UNIVERSITY

Aug 2017 - Present

Web application to look for free slots in labs with details of lab in-charge and lab assistant. Faculty login to include workshop details, and an admin login to facilitate the web application.

Link: https://vitcclms.000webhostapp.com

FACE AND FACIAL COMPONENTS DETECTION

Nov 2017 – April 2018

Interactive UI to detect face and facial components (eyes, nose, mouth) from either an image or a video, using MATLAB. The recognition is based on Viola Jones algorithm with HAAR feature extraction.

SMART PARKING SYSTEM

Nov 2017 – March 2018

An Arduino based parking system which detects the availability of the slots with IR sensors, open and closes the gate with stepper motors, and displays slots/gets car details with a 7 segment LCD display using keypads.

WEATHER PREDICTION FOR A CITY

July 2018 – November 2019

A recurrent neural network used for time series weather prediction implemented using Keras with TensorFlow backend. The model uses Gated Recurrent Units to eliminate long term dependencies in the RNN. The model is trained to predict weather 24 hours into the future given years of weather data and the weather data for the past 24 hours.

EDUCATION

SECONDARY SCHOOLING

Boaz Public School(**CBSE**) Chennai, Tamil Nadu 2014 **Grade: 10 CGPA**

HIGHER SECONDARY SCHOOLING

Zion Matriculation Higher Secondary School Chennai, Tamil Nadu 2016 **Percentage: 97.5%**

B. Tech CSE

VIT University Chennai, Tamil Nadu 2020(expected) **Grade: 8.75 CGPA**

PAPER/PUBLICATION **IMPROVED ROUND ROBIN ALGORITHM**

A new algorithm which combines Round Robin, Shortest Job First and
Priority Scheduling, that reduces waiting state for a process in the queue and
 the number of context switches among processes.

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 Tamil Nadu

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