P R Hari Hara Sai Pratham

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Education

Sep 2024 | Aug 2028	**B.E in Computer Science**, *R.V College Of Engineering*, GPA: 9.25, *Bengaluru, Karnataka.*
Aug 2021 | Mar 2023	**2nd PUC in Computer Science**, *PES PU College*, GPA: 87.66% (Core Subjects), *Bengaluru, Karnataka.*

Experience

Dec 2024 – Present	**Member**, *Team Chimera*, Bengaluru, Karnataka. ○ Developed Firmware for EV Car(BMS,DAS)
Dec 2024 – Present	**Member**, *Project Jatayu*, Bengaluru, Karnataka. ○ Helping to develop Gaurdian Drone. Learned drone regulations of India

Skills

Dear PyGUI	Learned GUI development basics with Dear PyGUI
C++	Basics of C++
Python Programming	Completed CS50P, a Harvard course on Python programming
Matlab Simulink	Used Matlab Simulink to simulate and develop BMS algorithm for Team Chimera

Projects

BMS Algorithm, *Matlab Simulink, C*.
Developed an Unscented Kalman Filter algorithm for SOC and SOH approximation, using Matlab Simulink.
https://github.com/harihara-1869/Team_Chimera_Firmware

GUI Development for Sensor array, *Dear PyGUI, Python Libraries(TCP, Socket, Threading, etc).*
Used Dear PyGUI and python libraries to read data and display data in real time from 13 sensors over wifi, this project was in collaboration with Center for Green Technologies and Hydrogen for analysing H2 Electrolyzers.