K U VARUNKUMAR

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OBJECTIVE

I am interested to work in the field of Machine Learning, Embedded Systems and Image Prrocessing. I will definitely do my best to solve the problems in society using best of my knowledge.

EDUCATION

Course	Discipline	College/School	Passing Year	Passing Percentage
B.Tech	Electronics and Communication Engineering	PES UNIVERSITY Bangalore	2020	9.3CGPA Sem 1 to 5
Pre University	Class-12th Karnataka State Board	Deeksha PU College Hubli	2016	94(PCMCs)
School	Class-10th Karnataka State Board	Saint Francis deSales High School Koppal	2014	94

PROJECTS

1. **Graffitti Detection** using OpenCV during intership at **Visio AI**.

2. **Image Captioning** using RNNs as a mini project for **Machine Learning** Course under the guidance of Dr.Koshy K George.(**In progress**)

3. Worked on building a Simulator for **AT697F** processor during internship at **CORI**.

4. **Human Counter** using OpenCV during intership at **Visio AI**.

5. **Sun tracking solar panel** using AT89C51 microcontroller and LDRs as a mini project for Microcontrollers Course.

6. **Fruit Plucking Robot** for **JED-I**(Joy of Engineering and Design) lab using Arduino Uno and Image processing using OpenCV.

TRAINING AND INTERNSHIP

- Interned at **Visio-Ai**.   **Bangalore,India**

- Interned at **CORI**(Cruicible for Research and Innovations),PES University.   **Bangalore,India**

- Completed Minor Course in Computer Science for these courses: Data structures,DBMS,Algorithms,Operating Systems

- **Online Courses:**
  Opencv3.3 through official website.

  Machine Learning by Andrew NG(Stanfod University)-Pursuing.

RESEARCH PUBLICATIONS

None

TECHNICAL SKILLS

- **Programming Languages:** Python3, Basics of C, MATLAB,Verilog.

- **Softwares:** OpenCV, Arduino IDE,Pytorch,Wireshark,Vivado.

- **Hardware:** Arduino Uno, Raspberry Pi3, Atmega2560.

- **Operating Systems:** Ubuntu, Raspbian,Microsoft Windows 7/8/10, XP.