Kiran Siddeshwar

Electronics and Communication Engineer

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Academic Record

Course	Board	Institute/University	Grade	Year of Passing
Class X	CBSE	St. Antony's Public School, Hubli	9.8	2015
P.U II	State	Vidyaniketan Science PU College, Hubli	95.16%	2017
B.E	KLE Technological University	KLE Technological University, Hubli	8.84	2021

Skills

- Programmation: C, C++, Python, HTML, CSS
- Operating Systems: Windows 8/10, Ubuntu (Basic)
- Development Environment: Spyder, Codeblocks, Keil, Sublime, Google Colaboratory

Languages

- English
- Kannada
- Hindi

Strengths

- Leadership and Initiative
- Coordination skills
- Punctuality

Hobbies

- Reading
- Photography

Certifications

Course	Organization	Year
Crash Course on Python by Google	Coursera	2020
Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning	Coursera-deeplearning.ai	2020
Introduction to HTML5	Coursera	2020
Intro to Machine Learning	Kaggle	2020
Introduction to Deep Learning - I	NPTEL/IIT, Madras	2019

Events

- Finalists of **Smart India Hackathon 2020**, Software Edition.
- Participated in **PUPA: A Maker's Movement**, by Make in BVB at KLE Technological University.

Experience

- A Project Intern at Indian Institute of Technology, Delhi.
- A Summer Intern for the Swacch Bharat Summer Internship program, by the Government of India.

Projects

- **Vision-based Techniques to Evaluate the Effectualness of Micro Suturing by Trainee Neurosurgeons 2020**
    - ✦ Effectualness indicates the overall correctness of the procedure. In this project, we aim to develop a computer vision-based algorithm that takes an image of "Micro Suturing" as input and provides a score for effectualness as output.
- **Intelligent Attendance solution for MGNREGA workers 2020**
    - ✦ As a part of Smart India Hackathon 2020, a smart solution for attendance was proposed using facial recognition. A web application was used as an interface, which was built using HTML5, CSS3. The Django framework was used to build the backend. Face detection and recognition were done using MTCNN and Cosine similarity respectively.
- **2D Inpainting of Heritage Site Images towards 3D Reconstruction 2019-20**
    - ✦ Under the pipeline of the Crowd-sourced project, Inpainting plays a key role in the digital restoration of Heritage Monuments. Our project intends to localize and remove the occlusions and inpaint them using a deep learning model.

Declaration

I hereby declare that the information mentioned above is correct up to my knowledge and bear the responsibility for the correctness of the mentioned particulars.

Date: Kiran Siddeshwar