Gandhapu Kalyan

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EDUCATION

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING
B.Tech in Electronics and Communication
2017-2021 (anticipated) | New Delhi
CGPA: 8.6 (Till 2nd sem)

KENDRIYA VIDYALAYA SECTOR 2, R.K.PURAM
Grad. May 2017 | New Delhi
Percentage: 90.2

LINKS

Github:// **gkalyan04**
LinkedIn:// **gandhapu-kalyan**
Twitter:// **@gandhapukalyan**
Quora:// **Gandhapu-Kalyan**

SKILLS

PROGRAMMING
Languages:
C • C++ • Python • Javascript • Embedded C/Arduino • JSX • XML • MATLAB • SQL • Assembly
Libraries and Frameworks:
Node.js • OpenCV• Tensorflow • Keras • Express.js • Django • React Native

SOFTWARE
Arduino IDE • Android Studio • Sonic Visualiser • Unity3D • Orcad Capture • GNU Sim8085 • Adobe Photoshop CS6

TECHNOLOGIES
Full Stack Web Development • Signal Processing •Internet of Things • Neural Networks and Deep Learning • Robotics • Android App Development

PROFILE

To work in a dynamic environment that enables me to utilize my Knowledge and learn new things, and to progress professionally and personally.

PROJECTS

LIFEAR | An App helping against Misdiagnosis
April 2019
- Augmented Reality and Deep learning based application to aid people using smoother medication intake and help against Misdiagnosis.
- It can precisely detect what type of disease a particular patient have by scanning the X-Ray/MRI with the help of deep learning models.

AUTISM CARE | detecting autism at the age of infants
March 2019

- Developed an application which allows user to take or upload a video of their kid's eye movements over a video.
- Tracked the kid's pupil movement and calculated different parameters like jerk, acceleration, displacement,velocity etc.
- Successfully plotted all the parameters into a Scan Path and then CNN based Deep learning model being used to classify between a Autistic and non Autistic child.

SMART WRISTBAND | Making Blind people's Life easier
October 2018

- Used Computer Vison and Deep learning algorithms to pinpoint the object that the user wishes to grab and guides them directly to it.
- Succesfully trained models on Tensorflow and Yolo for Real time Object Detection.

SPOILER DETECTOR | Chrome Extension
April 2019

- Searches entire web page and replaces Spoilers with Alert text.
- Blurs the neighbouring Images which are relevant and might reveal the Spoiler information.

AWARDS

Positioned in Top 15 (AIR) in HackABIT | 2018
Organized by BIT Mesra, Ranchi nationally.We competed with 450 teams All over India.

Runner Up at HackOver |2018
24 Hour Hackathon Organized by Computer Society of India, Bvcoe

GirlScript Summer of Code | 2018
3 month long Open Source program during summers conducted by GirlScript Foundation registered by Govt. of India.

Finalist, (IoT), Technex, IIT BHU (Varanasi) | 2018
Technex is the annual techno-management festival of Indian Institute of Technology Varanasi held as a three-day event in late February or early March.

1st Position International Informatics Olympiad (iiO) | 2014
iiO endeavours to assess the competency and proficiency of the students in the field of Computer Science, at National and International level, every year.