Gandhapu Kalyan

http://gkalyan04.github.io
g.kalyan04@gmail.com | +91 8448974568

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.

EXPERIENCE

NOKIA

Deep Learning Intern
June 2019 - Present | New Delhi, India

- Implemented an algorithm for Human Identification based on person's gait.
- Algorithm includes background subtraction, finding human contours, silhouettes segmentation and to generate Gait energy Image(GEI).

DEVELOPER STUDENT CLUBS by Google Developers

Machine Learning Executive
May 2019 – Present | New Delhi, India

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.

AWARDS

- First Runner Up at HackOver | 2019
- Positioned in Top 15 (AIR) in HackABIT | 2018
- GirlScript Summer of Code | 2018
- Finalist, (IoT), Technex, IIT BHU (Varanasi) | 2018
- 1st Position International Informatics Olympiad (iIO) | 2014