Shrenik R
Undergraduate Engineering Student

I am an undergraduate student who is working hard. Computer science was an unexplored territory, I had never programmed in school but slowly I started to enjoy it and now I'm ready to apply my knowledge into practice. I am fueled by my passion for understanding the nuances of technology. I consider myself a 'forever student ' . Using AI and machine learning, I hope to clean the world which is polluted so that the future for everyone is crystal clear . Which is why I am known as a Naturaphile.

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🌐 shrenik811rp.github.io/portfolio_v.0.0.2/

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SKILLS

- Machine learning\ AI
- Web development
- BIg Data Analytics
- Video Editing
- Strong Communication & Interpersonal Skills

PROGRAMMING-LANGUAGES & TOOLS

HTML\CSS\JS , Git,Github
Professional Working Proficiency

NodeJS, ReactJS, ExpressJS
Full Professional Proficiency

Tensorflow,OpenCV,Keras
Full Professional Proficiency

C++,Python
Full Professional Proficiency

SQL,FireBase,MongoDB
Full Professional Proficiency

EDUCATION

College Education
Amrita School of Engineering

08/2019 - Present   *Bangalore , Karnataka CGPA - 8.01*

Courses
- Computer Science and Electronics Engineering

PERSONAL PROJECTS

Facial Expression Recognition (08/2019 - 09/2019)
- Predict of expressions of both still images and real time video.The system automatically detects face using HAAR cascade then its crops it and resize the image to a specific size and give it to the model for prediction.

AI Hand Posenet (03/2020 - 04/2020)
- Posenet provides us with pre-trained models necessary to detect user gestures. These pre-trained models run in our browser and this is what differentiates PoseNet from other API dependent libraries.

Person and Car detection (09/2020 - 10/2020)
- A model could be constructed in such a way that it would have an input size of a small training sample (e.g., 64x64) and a single-feature convolutional layer of 1x1 at the top, which output could be used as a probability value for classification.

Speech Translator using IBM Watson (03/2021 - 04/2021)
- Built with Reactand a Node.js server, the language translator web app captures audio input and streams it to a Watson Speech to Text service.The transcribed and translated text are both displayed by the app in real time.

WORK EXPERIENCE

Energy Auditor
Ecoideas

06/2019 - 08/2019   *Bangalore, Karnataka*

A non-profit organization that showcases eco-friendly innovations, green technologies and showcases all kinds of green companies based in India

Achievements/Tasks
- Case study on upcoming electric vehicles in India. Water recycling and waste management techniques.

ORGANIZATIONS

QUIZ CLUB (01/2021 - Present)
QUIZ OFFICE BEARER

CERTIFICATES

- Python data structures University of Michigan. (08/2020 - 09/2020)

- Convolution Neural Networks in Tensor Flow by DeepLearning.AI (01/2020 - 03/2020)

- Interactivity with JavaScript University of Michigan (04/2021 - 05/2021)

- Introduction to Tensor flow for AI,ML and Deep Learning by DeepLearning.AI (07/2020 - 09/2020)