

Varun Totakura

Assistant System Engineer

CONTACT

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WEB LINKS

<https://github.com/varuntotakura/>

<https://varuntotakura.github.io/>

SKILLS

Python, C++, SQL, Java, and C

Machine Learning

Deep Learning

Tensorflow, PyTorch, Scikit

Data Visualization

Computer Vision

Data Processing & Scrapping

ADDITIONAL SKILLS

Analytical Thinking

Interpersonal Skills

Organization & Prioritization

Problem Solving

Team Leadership

Strong Communication

HOBBIES

Cooking

Photography

Research

CAREER OBJECTIVE

Self - directed and motivated developer works effectively in dynamic environments. Desperate to work on Machine Learning and computer vision fields using Python programming. Passionate about working on research related works.

EXPERIENCE

Tata Consultancy Services, Hyderabad. (July 2020-Present)
ServiceNow Developer, Assistant System Engineer

- Worked collaboratively in team environment.
- Wrote maintainable and extensible code in a DevOps environment.
- Collaborated with team members to complete the given tasks.
- Utilized strong interpersonal skills to meet the requirements.
- Undergone many training and acquired team skills, industrial skills and time management skills.
- Received three On the Spot Awards for best performance.

PROJECTS

- Developed Brain Tumor Detection using Convolutional Neural Network in Python as my major project during graduation.
- Self – Driving Car, Vehicle Speed Check, Selfie Drone, Traffic Violation Detection using Computer Vision algorithms and Convolutional Neural Networks in Python.
- Face Recognition, Vehicle License Plate Recognition in Python using Computer Vision and various other Machine Learning and Deep Learning algorithms.
- Chatbot, Voice Assistant, Stock Analysis using Recurrent Neural Networks in Python.
- Automated Snake Game, Web Crawlers and Web Scrapping in Python.

RESEARCH PUBLICATIONS

- Predicting the Rate of Transmission of Viral Diseases using ARIMA
- Symptomatically Brain Tumor Detection Using Convolutional Neural Networks
- Improved Safety of Self-Driving Car using Voice Recognition through CNN
- Predicting the Rate of Transmission of Viral Diseases using GARCH
- An Integrated Approach to Sentiment Analysis using Machine Learning Algorithms
- Prediction of Animal Vocal Emotions using Convolutional Neural Network
- Prediction of Stock Trend for Swing Trades using Long-Short Term Memory Neural Network Model

CERTIFICATES & TRAININGS

- Neural Networks and Deep Learning, Coursera: VQBCURE6DJUJ
- Applied Machine Learning in Python, Coursera: CNAUGTVGQ3Z
- End-to-End Machine Learning with Tensorflow on GCP, Coursera: YZR5MXPkLA6R
- Customer Analytics, Coursera: 38HHL76S9CET
- Training and Internship at Hyderabad City Police Cyber Department on Ethical Hacking.
- Internship at Imparta on IOT, and at Johan Brown on Web Design and Development.

EDUCATION

- **Graduation:**

Guru Nanak Institutions Technical Campus, JNTUH,
Ibrahimpattanam
Computer Science and Engineering, GPA 8.8 (Till Now),
November 2020

Awards & Honors: 2nd Topper of the College in 2-2 semester

Extracurricular Activities: Developed many websites for college events and organized many events, and also participated in National Service Scheme (NSS) events.

- **Intermediate:**

Narayana Junior College, BIETS, Hyderabad
Mathematics, Physics, Chemistry; Percentage 91.4%, May 2016

- **School:**

Narayana Concept School, SSC, Hyderabad
GPA 9.2, May 2014

Extracurricular Activities: Actively participated in sports.