

# Vontela Sanjay Kumar

+1 6823732133, Arlington, Texas, USA

[sxv0451@mavs.uta.edu](mailto:sxv0451@mavs.uta.edu)

<https://www.github.com/sanjayVontela>

Name: Vontela Sanjay Kumar

Contact Information: +16823732133, [sxv0451@mavs.uta.edu](mailto:sxv0451@mavs.uta.edu)

Objective:

Talented individual with in-depth knowledge of designing and development tools and coding languages. Desirous of the role of Software Developer to utilize my excellent software design and coding skills while benefiting the organization.

Education:

- Sreenidhi Institute of Science and Technology, Information Technology- Hyderabad, India
- Bachelor of Technology in Information Technology, August 2018-June 2022
- CGPA: 6.99/10

Internship:

- VNR VJIT, August 2020
- Completed internship program on "Smart Attendance System using Face Recognition" where I worked in the development team on an application to create face recognition model using python and tensorflow.

Academic Projects:

- Brain Tumor Segmentation (May-2021): Built a deep learning model trained using VGG16 weights for UNETS architecture that separates tumor from rest of the brain tissue in a MRI image.

- Backdoor using python only (May 2021): A networking application that allows you to see and change or obtain every application of another system by simply executing a command in their system.
- Smart Attendance using Face Recognition (August 2020): Smart attendance project using machine learning that uses vggface algorithm for detection and recognition of faces and mysql is used for updating the attendance in the database.
- Expression Detection (January 2022): A deep learning application which uses webcam and a trained model (trained using a dataset of images) to detect expression of a person such as sad, anger, happy, neutral.
- AI based Security System (June 2022): A security system application that uses object detection to detect any weapons in the frame and send alerts to authorities. It analyses threat level by detecting the facial expression of weapon holder.

#### Skills and Expertise:

- Programming Languages: Python, C++, C, Java, Javascript
- Database: MySQL, PostgreSQL, MongoDB
- Operating Systems: Linux, Windows
- Web Development and Frameworks: Flask, HTML5, CSS, PHP, JavaScript, Nodejs, Flutter
- Tools and Libraries: Multi-threaded Programming in C, NumPy, Pygame

#### Achievements:

- Worked for a NGO and successfully taught 200 students.
- Worked in Hands on AWS workshop.
- Worked in Hands on Workshop on Ethical Hacking.

#### Certifications:

- Certified by Coursera for completing Machine Learning course
- Certified by E-Cell IIT-Bombay in AWS for attending a workshop.

- Certified by Internshala for completing Ethical Hacking course
- Certified by Coursera for completing a Data Science course
- Certified by Coursera for completing convolution neural network course
- Certified by Cisco for completing Introduction to Networks course
- Certified by Verzeo in Machine Learning
- Certified by Cisco in CCNA

#### Publications:

- “Analysis of tumor detection using UNETS and VGG16 weights”, Journal of Medical Pharmaceutical and Allied Sciences