ANANT VATTA

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EDUCATION

Arizona State University Expected Graduation - 2023
Master of Science, Computer Science

SRM Institute of Science and Technology, Chennai, India Graduated - 2020
Bachelor of Technology, Computer Science and Engineering CGPA: 7.02/10

EXPERIENCE

Intern, Harvesting India Private Limited, Chandigarh July 2020 – January 2021
Worked on UI creation of Harvesting Farmer Network (www.hfnmandi.com) and a frontend developer for South African Government website.
Development Stack – AngularJS, VueJS, NodeJS, Google Firebase, MySQL.

Intern, Centers for International Projects Trust, New Delhi January 2020 – June 2020
Worked on creating a mobile application to remotely help and advice farmers during covid about sustainable farming practices.
Development Stack – Android Studio, Flutter, Dart, Firebase, AngularJS.

Intern, Centers for International Projects Trust, New Delhi June 2017 - August 2017
Worked as a mobile app developer creating a decision support system for farmers.
Development Stack – Android Studio, Java, Flask Server.

ACADEMIC PROJECTS

Effectual System based on LSTM Network for Data Stratification Using Label Acquisition
January 2020-May 2020
The project focussed on image classification of objects in a crowded ecosystem using LSTM networks for increased efficiency over time.
Development Stack – Jupyter notebook, Pandas, Seaborn, TensorFlow.

Review Analysis using Sparse Vector and Deep Neural Network January 2019-May 2019
Sentiment analysis of text reviews using deep neural network and support vector machine to generate adaptive outcomes.
Development Stack – Jupyter notebook, Numpy, PyTorch, matplotlib, scikit-learn.

Smart Street Light System using IOT July 2018 to November 2018
Model aimed to significantly reduce power consumption and Improved performance of the traditional lighting systems.
Development Stack - Arduino UNO, Bread Board, Light Detecting Resistor, IR Sensor.

Air and Sound Pollution Monitoring System using IOT July 2018 to November 2018
A system to remotely monitor and analyse air and sound pollution with real time data monitoring using cloud.
Development Stack – Arduino UNO, Wi-Fi Module, Air Sensor, Sound Sensor.

PUBLICATIONS

1. Mrs Gowri, Kunal Malviya, Anant Vatta, Sneh Upadhyay. (2020). Effectual System based on LSTM Network for Data Stratification Using Label Acquisition. *International Journal of Advanced Science and Technology*, 29(4s), 3189-3197. [Link]
2. T. Thiyagu, Anant Vatta, Sneh Upadhyay, Rajat Chaudhary, Review Analysis Using Sparse Vector and Deep Neural Network. *International Journal of Computer Science and Engineering*, May 2019, 8(3), 29-35. [Link]
3. Anant Vatta, Arjun Khurana, Nihir Sharma, Muthamil Selvan, IOT Based Air and Sound Pollution Monitoring System. *Journal of Emerging Technologies and Innovative Research*, October 2018, 5(10), 466 -468. [Link]
4. Anant Vatta, Arjun Khurana, Nihir Sharma, IOT Based Smart Street Light System. *Journal of Emerging Technologies and Innovative Research*, October 2018, 5(10), 716 – 718. [Link]

TECHNICAL SKILLS

Computer Languages	Python, C, C++, Java, Javascript, AngularJS.
Libraries	NumPy, pandas, matplotlib, scikit-learn, PyTorch TensorFlow, Keras.
Databases	MySQL**,** MongoDB
Cloud	Amazon AWS