ADITYA RAJ SAHOO

Final year student at Vellore Institute of Technology | Tech Enthusiast | Problem Solver

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EXPERIENCE

Teaching Assistant Intern

Coding Minutes

- April 2022 Present
- Debug and solve questions on DSA, C++ and Competitive Programming raised by students.
- Mentoring students for completing DSA coding courses.
- Worked on VS Code and coding minutes IDEs.

DSA Scholar Intern

TwoWaits

- February 2022 March 2022
- Solved questions on DSA, C++ and Competitive Programming.
- Made contributions in PepCoding NADOS Platform.
- Worked on Git and VS code with C++.

Data Science Engineer Intern

The Sparks Foundation

- August 2021 September 2021
- Worked on multiple Data Science and Business Analytics tasks.
- Developed Supervised and Unsupervised ML Solutions.
- Worked on Google Collab, Microsoft Azure and Jupyter Notebook.

PROJECTS

Continuous control using Deep Q Learning with Oscillatory Activation Functions

Python, Tensorflow, Keras, Matplotlib, OpenAl Gym

- March 2022 April 2022
- Developed a solution to Cart Pole problem by making the cart move left or right and keeping the pole from falling using DQN agents.

NFT artwork generation using oscillatory activation functions in GANs

Python, Tensorflow, Keras, Numpy, Matplotlib

- iii January 2022 March 2022
- Worked on a novel model for NFT generation using a combination of GCU and ReLU functions to train the model and use it for prediction.

Evaluation of Oscillatory Activation Functions on MNIST dataset using GANs

Python, Tensorflow, Keras, Matplotlib

- December 2021 February 2022
- Explored the use and output of the oscillatory activation functions on the MNIST dataset by generating a GAN to generate handwritten digits.

TECHNICAL SKILLS



EDUCATION

B.Tech in Electronics and Instrumentation Engineering

Vellore Institute of Technology, Vellore

July 2019 - May 2023

CGPA: 8.1

Senior Secondary Education Class XII FIITJEE Junior College, Hyderabad

i June 2018 - March 2019

Score: 91%

Secondary Education

Maharishi Vidya Mandir, Hyderabad

i June 2016 - March 2017

CGPA: 10.0

ACHIEVEMENTS

- DevJams'21 Hackathon | Winner of Best Idea Event by Google Developer Students Club VIT
- AWS Certified Cloud Practitioner AWS Academy Graduate - AWS Academy Cloud Foundations
- PROJECTS HEAD The AI and ML Club VIT
- CO-SECRETARY Fitness and Beyond VIT Student Club
- TCS IT Wiz 2015 Qualifier. Qualified for Hyderabad state level 2015.
- Campus Captain at Coding Minutes Contributer role
- Active LeetCode, Hackerrank and Codechef questions solver.
 250+ questions solved
- Worked on multiple projects and published it on engrXiv under the mentorship of Google DeepMind and HPE Employees.

LANGUAGES

English Hindi Oriya Telugu French

