Anurag Peddi *Student*

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🪪 PROFILE

An undergraduate with a passion for machine learning and data science, I have experience understanding and analysing data in order to drive growth. Provide the necessary insights, analytics, and visualisation to aid decision-making for a fashion forecasting company.

🧠 LANGUAGES

Telugu, Hindi, English

🧠 SKILLS

C, Python, ReactJS, SQL, R, MongoDB, HTML, C++, Java, CSS, Git, Android, AWS, Data Analytics, Excel

🎓 EDUCATION

Integrated M.Tech　　　　　　　　　　　　　　　　2017 – present
University of Hyderabad ⧉　　　　　　　　　　　Hyderabad, India
　With an aggregate of **9.32**

Intermediate(M.P.C)　　　　　　　　　　　　　　　2015 – 2017
Narayana Junior College　　　　　　　　　　　　Hyderabad, India
　With an aggregate of **98.3%**

💼 PROFESSIONAL EXPERIENCE

Data Science Intern　　　　　　　　　　　　　　05/2021 – present
Stylumia ⧉
- Made an Intuitive Covid19 Prediction model for India's third wave
- Building Custom ETL pipelines, Optimization of Inventory Allocation and Pipelines for hyperparameter tuning of ML models on real-time data
- Build some time-series models using modern frameworks
- Converted data into actionable insights by predicting and modelling future outcomes

Machine Learning Intern　　　　　　　　　　　10/2020 – 12/2020
Grroom ⧉　　　　　　　　　　　　　　　　　　　Hyderabad, India
- As an Intern, My tasks were Image Scraping, Model building, Model tuning for object detection(yolo) in Fashion Domain, to yield good mAP and accuracy.
- During my internship, I also researched cost-effective ways of deploying multiple models on the web and suggested them.

Summer School　　　　　　　　　　　　　　　05/2019 – 06/2019
Chennai Mathematical Institute ⧉　　　　　　　Chennai, India
- Using Random forests and SVM, I created a machine learning model to predict whether the price will rise or fall.
- Learned about the financial statistics, Markov chains, portfolio optimization etc.

📂 PROJECTS

Try Every Machine Learning Algorithm ↗   06/2020 – present
A Playground where you may experiment with various machine learning algorithms
on a given dataset by tinkering with its hyper-parameters until you get bored.

Pen Ink Differentiation using CNN   11/2020 – 04/2021
Currently, I'm working on a research project with my professor on detecting pen
forgery detection using CNNs

Twitter Data Sentiment Analysis ↗   05/2020 – 06/2020
COVID19 Twitter Data Analysis, Indian Sentiment Analysis Using Tweets after Three
Lockdowns

Online Video Streaming ↗   10/2019 – 11/2019
Using HTML, PHP, JS, and CSS, I created an online video streaming website where the
admin may add videos to be seen by users.

Many more projects which includes ML and DL Concepts
Android, web, and IoT integration (for example object detection, gender and age
prediction etc.)

📑 COURSES

Tableau Fundamentals ↗   03/2021 – 04/2021
DataCamp

TensorFlow Developer Professional Certificate   04/2020 – 06/2020
deeplearning.ai

Deep Learning Specialization   03/2020 – 05/2020
deeplearning.ai

📜 CERTIFICATES

IEEEXtreme 13.0 ↗	**HackNITP 3.0** ↗	**Smart India Hackathon**	**Amazon Machine Learning Challenge**
- Participated in a 24 hour Online Hackathon	*- Built an audio sentiment predictor.*	*- Shortlisted for Smart India Hackathon*	*- Created a MultiClass classification model for a large corpus, which gives comparable accuracy to state of art models.*
- Secured a global rank of 295 and an all-India rank of 29.	*- Secured 5th Place in the AI Domain*	*- Automated Land use classification based on Multi-spectral Imagery using the DL model*	

🤝 ORGANISATIONS

Neural Network Visualizer ↗   08/2020 – present
Owner
A module which creates a neural network image with the given architecture.

IEEE Hyderabad Section   06/2019 – 12/2019
Volunteer   Hyderabad, India
I also competed in the IEEEXtreme 13.0 24-hour coding competition during my
volunteer time.