Ashutosh Vyas
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ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
2019 - Present	B.Tech CSE (Specialization in ML-AI)	Graphic Era (deemed to be University)	9.278/10
2019	12th, I.S.C.	St.Joseph's Academy, Dehradun	88.75 %
2017	10th, I.C.S.C	Carmel School, Chamba	90.80 %

EXPERIENCE

- **PRISM Research Intern, Samsung (Jul, 2021 - Present) :** Leading a team of four members to build a real-time 5G radio environment monitoring application.

- **Data Science and Business Analyst Intern, The Sparks Foundation (Sep, 2021 - Oct, 2021) :** Created a hybrid model for stock price/performance prediction using numerical analysis of historical stock prices, and sentimental analysis of news headlines.

- **Technical Content Writer, Hello ML (Feb, 2021 - Apr, 2021) :** Wrote various articles on deep learning topics in a growing startup. All articles can be accessed at *Ashutosh Vyas - hello ML*

PROJECTS

- **Real-Time 5G Radio Environment Monitoring Application** (Jul, 2021 - In Progress) : An android application that graphically shows the position of various serving cell and neighbour cells as well as signal strength as the user/tester launches the app and keep moving.

- **Stock Market Prediction Model** (Sep, 2021) : Created a hybrid model for stock price/performance prediction using numerical analysis of historical stock prices of BSE SENSEX, and sentimental analysis of news headlines from Times of India. Link: *Stock Market Prediction using Numerical and Textual Analysis*

- **Catalogue App** (Jul, 2021) : A simple shopping app made using Flutter with all the prominent features like add to cart, login, dark theme and gestures. Link: *Catalogue-App*

- **Mall Customer Segmentation** (Jul, 2020 - Aug, 2020) : Created a segmentation model from scratch using numpy arrays that follow the principal of **Agglomerative Hierarchical Clustering** to cluster a dataset on mall customers. Link: *Mall-Customer-Segmentation*

- **Space Fighter** (Apr, 2020 - May, 2020) : A single player 2D shooting game using Python modules turtle and pygame. Link: *Space-Fighter*

TECHNICAL SKILLS

- **Languages: Python** (Advanced), **JAVA** (Intermediate), **C** (Intermediate), **C++** (Intermediate), **JULIA**, **DART**, **Scala**.

- **Tools and Frameworks:** Azure Machine Learning Studio, LaTeX, Flutter

- **Machine Learning Tools:** Tensorflow, scikit-learn, openCV.

SCHOLASTIC & CO-SCHOLASTIC ACHIEVEMENTS

- Completed Summer Internship at IEEE with excellent grade.
- Completed Google cloud computing foundation course and secured various badges.
- Got Certified in Microsoft Azure-900
- Secured Ist rank in a coding competition by GEU ACM Student Chapter in Ist year B.TECH and won a cash price of INR 1000.