

I'm dedicated to excelling in Computational Data Science by leveraging my technical skills, analytical thinking, and research enthusiasm. I seek a position in an innovative and diverse organization, bridging the gap between research and practical solutions, and fostering a conducive learning environment.

EDUCATION

Purdue University, *Master of Science in Computational Data Science* Aug 25

- Pursuing rigorous program emphasizing Statistics and Computer Science, encompassing advanced topics in Large-scale Machine Learning, Decision Theory, Bayesian Statistics, Statistical Machine Learning, Algorithm Design, Analysis, and Data Mining.

University of Pune, *Bachelor of Engineering, Computer Engineering* Aug 22

- Received a Comprehensive education in Computer Engineering with a strong emphasis on Machine Learning, Artificial Intelligence, Cloud Computing, Object-Oriented Programming, Data Structures, Algorithms, and essential soft skills.

SKILLS

Tools and Languages: Python, C++, R, HTML/CSS, JavaScript, SQL, Scikit-Learn, TensorFlow, PyTorch, Git, GitHub, Jupyter Notebook, VS Code

Soft skills: Teamwork, Problem Solving, Analytical, Leadership, Communication, Adaptability, Time Management, Creativity

Communication: English (Fluent), Hindi (Fluent), Marathi (Native), Sanskrit (Reading)

PROJECTS

TACKLING LABEL SCARCITY IN BIOMEDICAL SIGNAL ANALYSIS Apr 22

- Proposed a mixup-based time-aware contrastive learning module to learn robust representations from biomedical signal data by designing a tough multilevel cross-view prediction task.
- Proposed a mixup-based context-aware contrastive learning module to further learn discriminative representations upon the robust representations.
- Performed extensive experiments on the proposed framework using three datasets.
- Experimental results show that the learned representations are effective for downstream tasks under supervised learning, semi-supervised learning, and transfer learning settings.

STOCK MARKET PREDICTION USING TWITTER SENTIMENT ANALYSIS Oct 21

- Created a web application utilizing Python, Flask, WordPress, Tensorflow, and Keras.
- Forecasted stock prices for the next seven days using ARIMA, LSTM, and Linear Regression algorithms.
- Incorporated sentiment analysis of Twitter data to provide insights and recommendations on stock price trends.

HOUSE PRICE PREDICTION WEB APP May 20

- Developed an end-to-end software application using Python, JavaScript, HTML, CSS, Flask, and Kaggle.
- Utilized regression-based models to predict property prices in Bangalore, considering factors like location, area, and specific details.
- Provided users with accurate price predictions to facilitate informed decision-making.

TECHNICAL EXPERIENCE

THYSSENKRUPP INDIA PVT. LTD Jul 22

Junior Web Dev Intern

- Engaged in thorough code reviews, providing valuable feedback for enhancement.
- Assisted in the development and maintenance of websites.
- Collaborated closely with the development team to conceptualize and implement features and functionalities for an employee attendance website.

ACTIVITIES

Volunteer Teaching at Government Secondary School Jul 19

- Worked with students in grades 8 to 10, creating a supportive and engaging learning environment.
- Assisted students with their academic studies and fostered their personal development.
- Empowered students with knowledge and skills that will benefit them in their future endeavors.

Community Volunteer at Sambodh Bahuuddeshiya Seva Sanstha Oct 21

- Actively engaged in initiatives to support vulnerable groups and combat misinformation during the COVID-19 pandemic.
- Educated children and provided essential services to the elderly.
- Assisted front-line health workers and promoted public health practices recommended by the World Health Organization.