

Srushti Nayak

Education

- Coursework
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Skills

- Languages:
- Deep Learning Frameworks
- Machine Learning & AI
- Data Handling
- Software Development

Experience

- University of Alabama at Birmingham
Teaching Assistant (Artificial Intelligence | Data Mining)
clustering, text, image, and graph mining
search algorithms, evolutionary strategies, ACO, LLMs, VLMs, and generative models
(diffusion, flows)
generative AI APIs deep learning frameworks PyTorch.
- Infolabz
Software Engineer Intern
data cleaning, feature engineering
Exploratory Data Analysis (EDA)
transfer learning fine-tuned
APIs Django
database schemas Django ORM
agile sprints, daily standups and retrospectives
- Twowaits
Machine Learning Intern
Fine-tuned optimized TensorFlow models
sentiment analysis and text classification

Projects

- Verdant – End-to-End ML Pipeline Development [[Repo](#)]
end-to-end machine learning pipeline Keras, TensorFlow, and TensorFlow Serving
React-based frontend FastAPI backend
Docker, tf-serving
GCP GPU acceleration
- Trippify(MERN Stack) [[Repo: https://github.com/SRUSHH-TYEE/Trippyfy](https://github.com/SRUSHH-TYEE/Trippyfy)]
MERN automatic location detection secure authentication with JWT CRUD operations
dashboards ride statistics REST APIs
comprehensive SRS document

Achievement

- Innovate Alabama Entrepreneurship Hackathon(Winner): AI driven expertise exchange
- SSIP Hackathon: automatic speech recognition project(NLP)
real-time meeting transcription, speaker recognition, and summary generation

Certifications

- Amazon ML summer school-2022: Supervised Learning, Reinforcement Learning, and Probabilistic Graphical Models.
- NVIDIA:
- NVIDIA