B.VAMSI KRISHNA

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Education

- **Arizona State University** **August 2024 – August 2026**
  Master of Science in Robotics, Concentration in AI ***CGPA: 3.5 / 4***
- **Vellore Institute of Technology** **June 2024**
  Masters in Computer Science ***CGPA: 3.3 / 4***

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Web Mining
- Data Science

Externship and Research Experience

Corizo Company **February 2024 – August 2024**
Artificial Intelligence Engineer Intern ***Bengaluru, India***

- Designed and deployed a deep learning model using TensorFlow and PyTorch to automate classification and outcome prediction, reducing manual analysis time.
- Implemented Python scripts for data preprocessing, model training, and performance evaluation, ensuring an efficient training pipeline and organized results.
- Visualized model performance and generated daily insights using HTML, JavaScript, and CSS for effective team communication.

Vellore Institute of Technology **May 2023 – January 2024**
Research Work ***Chennai, India***

- Engineered a hybrid deep learning model integrating CNN and ANN for lung cancer prediction, enhancing diagnosis accuracy.
- Trained and validated the model using a large, diverse dataset, ensuring robust performance across varied cases.
- Utilized Python and TensorFlow for data preprocessing, model training, and evaluation to support reliable patient risk identification.

Projects

Cotton Disease Prediction | ***Python, TensorFlow, CNN*** **June 2022 – December 2022**

- Created a deep learning model aimed at accurately predicting and classifying various cotton diseases using CNNs.
- Collected and preprocessed data from diverse sources to create a robust dataset for training the model.
- Trained the model to detect diseases such as bacterial blight and leaf spot, achieving significant improvement in classification accuracy.
- Evaluated model performance using metrics like accuracy and precision to validate robustness and reliability.

Fake Product Review Monitoring System | ***Python, NLP, Sentiment Analysis*** **December 2022 – May 2023**

- Designed and implemented a machine learning model to identify and filter fake product reviews on e-commerce platforms.
- Applied natural language processing (NLP) techniques and sentiment analysis to detect fraudulent reviews by analyzing user behavior and text features.
- Fine-tuned the model to maximize accuracy and minimize false positives, enhancing the quality of online product reviews.

Collab - Medical Consultation Platform | ***React, Node.js, MongoDB*** **December 2022 – May 2023**

- Led the development of an online medical consultation platform connecting patients with healthcare professionals.
- Built a robust back-end infrastructure using Node.js and MongoDB, ensuring secure, real-time communication.
- Integrated chat, appointment booking, and medical history tracking features, improving the overall user experience.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio
Technologies/Frameworks: Linux, Jenkins, GitHub, JUnit, WordPress