Sannith Reddy Gunreddy

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Objective:

Pursuing a Master's in Computer Science with an AI specialization at George Washington University has cultivated a solid foundation in AI and ML. With over 2 years of practical experience in implementing advanced machine learning models, the objective is to leverage this expertise for a summer AI engineering internship, contributing to cutting-edge AI initiatives. The goal encompasses making a significant impact in the field of AI and ML by driving innovation and advancing the frontiers of artificial intelligence while delivering real-world solutions. The opportunity to bring technical skills and knowledge to a team working on transformative AI projects is met with excitement.

EDUCATION

The George Washington University, School of Engineering & Applied Science — **Washington, DC**

Master of Science in Computer Science — **April 2025**

- Major in Machine Intelligence and Cognition**.**

Relevant Coursework: Machine Learning, Computer Vision, Neural Networks and Deep Learning, Software Engineering.

SKILLS

- **Technical**: Python, TensorFlow, Keras, PyTorch, Java, C/C++, JavaScript, R, SQL, HTML/CSS.
- **AI & ML Related Skills**: Neural networks, computer vision, NLP, predictive modeling, Reinforcement Learning, GANs, Transfer Learning, Time Series Analysis, Image Classification Techniques, Unsupervised Learning Techniques, CNNs, RNNs.
- **Tools**: Git, MATLAB, Pandas, AWS, Azure, Tableau, PySpark, Dask, GitLab CI/CD.

WORK EXPERIENCE

SkoolBook — **Hyderabad, India**

AI & ML Development Intern — **May 2022 - August 2022**

- As an AI & ML Development Intern, I designed and implemented innovative AI-driven solutions to enhance both the front-end and back-end functionalities of the platform.
- contributed to creating a seamless user experience that led to a remarkable 25% increase in user retention and a significant 15% boost in customer satisfaction.
- My responsibilities included developing and refining AI models, employing data-driven approaches, and collaborating across teams to integrate intelligent features into the platform.

PROJECTS

Enhanced Conversational AI Virtual Assistant "Nami" | Jan 2023 – Apr 2023

- Developed an AI assistant "Nami" leveraging large language models to hold contextual conversations
- Integrated capabilities like sentiment analysis, intent recognition and summarization to enhance capabilities
- Created using Constitutional AI techniques to ensure safety, truthfulness and privacy
- Added personalized user preference tracking and recommendation functions

Integrated CCTV Surveillance and Facial Recognition System | Nov 2021 - Apr 2022

- Led the implementation of advanced security solution integrating CCTV cams and facial recognition technology within a premise.
- Orchestrated the connection and synchronization of existing CCTV infrastructure, creating a comprehensive surveillance network.
- Deployed cutting-edge facial recognition software to track and identify individuals in real-time.
- Replaced traditional entry methods with automated facial recognition-based access logs.

Decentralized Movie Streaming Platform | Nov 2021 - Dec 2021

- Created a blockchain and cryptocurrency powered movie streaming app with pay-per-second model
- Built using Hedera Hash graph, ReactJS, NodeJS and integrated with movie API
- Implemented subscription model allowing unlimited streaming for fixed durations

Stock Prediction Model | Jan 2022 - July 2022

- Developed LSTM neural network model to accurately forecast stock prices based on historical data
- Tuned hyperparameters to improve performance; evaluated on real stock market data
- Added interactive visualization dashboard for model outputs

ACHIEVEMENTS

- Acknowledged as a prominent tech innovator for organizing impactful workshops and webinars on AI and blockchain, cultivating collaboration and knowledge exchange within the local tech community.
- Completed specialized certifications in high-demand fields including cybersecurity, supply chain, and quantum computing through courses from leading providers IBM, Google, UC Irvine, and KAIST.
- Earned credentials in core computer science topics such as operating systems, databases, data structures, and artificial intelligence through rigorous online programs from top institutions including UCSD, UC Irvine, and University of Colorado.