

Aditya, Anand Pramod

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EDUCATION

Bachelors of Computing, (Computer Science)

Nanyang Technological University • Singapore • 2026 • 4.47/5

- Relevant Courses: Introduction to Data Science and Artificial Intelligence(A), Artificial Intelligence (A), Software Engineering (A), Introduction to Databases (A)

EXPERIENCE

Data Science Intern

AI Shophouse

May 2024 - July 2024, Singapore

- Fine-tuned the Llama Large Language Model using advanced machine learning techniques, such as prompt engineering, supervised learning, and tokenisation, to generate personalized responses for clients.
- Built a supervised learning based neural network for sound analysis, comparing and verifying pronunciation accuracy for words, sentences, and syllables, to serve as an automated speech therapist with 90% accuracy using Tensorflow, sound analysis, and speech recognition libraries in Python.
- Designed and implemented multi-agent systems to simulate market and user research processes, enhancing efficiency and reducing human dependency. Utilized Python, CrewAI, and Llama to achieve these improvements.

Data Engineer Intern

Oriental Aviation International

January 2024 - April 2024, Singapore

- Decreased manual intervention in data management through the development of custom automated databases using Python, SQL, and Sharepoint.
- Created custom scripts for data cleansing, ensuring consistency and accuracy across various datasets, improving efficiency.
- Delivered high-quality documentation detailing technical specifications, guides, and debugging steps for utilising the solutions efficiently.

Data Science Intern

EverStone Capital

May 2023 - August 2023, Singapore

- Collaborated with GoGMGo, an F&B tech company under EverStone Capital, to build the company's first AI based application to manage client's inventories and process invoices for orders using NLP and OCR techniques.
- Designed a content-based filtering neural network for customer profiling, using techniques such as feature extraction, CNNs, and supervised learning to analyse customer data to generate personalized restaurant recommendations for over 50 restaurants across Singapore.
- Integrated AI solutions into a cohesive React application using REST APIs, enhancing operational efficiency and user experience.

PROJECTS

DressSense.AI

- Implemented a personal stylist application that delivers outfit recommendations based on users' preferences, using React Native for the front-end and Python for the back-end.
- Integrated weather and Google Calendar APIs for real-time contextual suggestions, hosted on AWS with SQL-based AWS RDS for data storage management.

Children's Hospital Web Optimization and Data Management Enhancement

- Spearheaded the optimization of a local children's hospital's website with HTML/CSS and Javascript, elevating site performance and user navigation.
- Developed and applied OCR system to streamline and improve hospital data operations using Python and SQL.

CERTIFICATIONS

Machine Learning Specialization

DeepLearning.AI • 2024

- Learned to build and train ML models using python and develop recommender systems and neural networks for classification and clustering tasks.

Data Science Professional Certificate

IBM • 2024

- Developed practical data science skills, including data modelling and manipulation using tools like Python and SQL, and applied these skills to real-world projects.

NLP Specialization

DeepLearning.AI • 2024

- Acquired skills on advanced machine learning and NLP techniques such as Naïve Bayes, RNNs, LSTM Models, and Markov Models to complete projects such as an autocorrect system, chatbot and sentiment analysis models.

SKILLS

Programming Languages/Frameworks: Python,SQL, PostgreSQL, R, TensorFlow, Pandas, PyTorch, Tableau, Scikit-Learn, Numpy, and AWS.

Other Skills : Software Development, Big Data Analytics, Data Visualization, Machine Learning, Regression, Statistics, Reinforcement Learning, Deep Learning, Predictive Modelling, Clustering, Data Collection, and Linear Algebra.