JANA ALGURASHI

AI Engineer

CONTACT

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EDUCATION

UNIVERSITY OF EAST ANGLIA
2021 - 2024

- Bachelor of Science in Computer Science

- GPA: 3.75 / 4.0

SKILLS

- **Programming Languages** : Python , Java, C++, C , JavaScript
- **Technical Skills :** Project Management, Data Analysis , UX/UI design
- **Soft Skills:** Communication, Problem-Solving, Leadership, Team Work

LANGUAGES

- Arabic: Fluent
- English: Fluent
- French: Intermediate

PROFILE SUMMARY

Recent Computer Science graduate with a strong interest in software development, artificial intelligence, and machine learning. Equipped with strong programming skills in Python and Java, and hands-on experience in developing machine learning models and chatbots. Passionate about the transformative potential of AI, with significant experience in NLP techniques and data analysis Eager to apply my knowledge and enthusiasm in a professional setting, where I can contribute to innovative projects and continue to grow as a developer in the AI field.

RELEVANT EXPERIENCE

Chatbot Development

- **Description:** Developed a chatbot for finding the cheapest train tickets and predicting delays, utilizing Python, NLP, and XGBoost. The system integrated two distinct models: one for identifying the best ticket prices and another for forecasting delays.

- **Technologies**: Python, Natural Language Processing (NLP), NLTK, advanced NLP techniques, XGBoost

- **Features**:
  - **Ticket Price Finder**: Utilized web scraping to fetch and compare train ticket prices from various providers, ensuring users received the best deals.

  - **Delay Prediction Model:** Implemented an XGBoost model to predict potential train delay based on historical data and real-time information.

- **Achievements:** Enhanced user convenience by providing quick and accurate travel information, thereby helping users save money and time. The delay prediction model demonstrated a significant accuracy improvement over baseline models.

Aspect-Based Sentiment Analysis Web Application

- **Description**: Developed a web application that performs both aspect-based sentiment analysis and general sentiment analysis.

- **Technologies**: Python, streamlit, HTML/CSS, NLTK, scikit-learn

- **Features**: Identifies and analyzes specific aspects (e.g., service, quality) mentioned in the text, providing detailed sentiment insights for each aspect and calculates the overall sentiment (positive, negative, or neutral) of the review.

- **Achievements**: Demonstrated the potential to provide nuanced insights into customer feedback, showcasing the application's capability to generate comprehensive reports. Achieved a score of 81/100, ranking in the top 3% of a class of 121 students.