

NAME

email | github | US Citizen

Education

COLLEGE

Computer Science, B.S.

May 2024

Projects

Airline Reservation: *Python Flask, SQL, HTML*

- Developed a web-based airline reservation system with a team of two using Flask, SQL, and HTML, allowing users to search for flights, make reservations, and manage bookings
- Utilized SQL databases to store and manage flight schedules, user profiles, and reservation details, optimizing data retrieval
- Implemented secure user authentication and authorization features to ensure access control, enhancing the system's security with Flask's MD5 encryption

Sentiment Analysis: *Python, HuggingFace, Docker*

- Designed a sentiment analysis application leveraging Hugging Face's transformer models, BERT, GPT, and RoBERTa architectures, on a Kaggle dataset to determine the toxicity of input statements
- Fine-tuned hyperparameters, e.g., learning rates and batch sizes, to optimize model performance while minimizing overfitting
- Deployed the application to a HuggingFace space and Google Sites for real-time sentiment analysis

A-Team: Task Management: *Python, Django, HTML, SQL*

- Collaborated with three members on a task management system using Django, HTML, and SQL, enabling users to create, assign, prioritize, and be rewarded for their completion
- Designed Django models encapsulating task attributes such as title, description, status, priority, and assigned user relationships for faster database generation
- Implemented task filtering and sorting features to enable users to organize and view tasks based on various criteria such as priority, due date, and status with ease

Experience

COMPANY

Real Estate Assistant Intern

July 2023 - Aug 2023

- Designed a system that improved the appointment process for potential leads by connecting a calendar application to the customer appointment system, reducing the variance in the platforms where the appointment details were sent to by 75%, allowing faster response from agents
- Processed 40-50 listing data using KvCore CRM and handled financial information for real estate sales valuing over \$100,000 in an efficient and timely manner

United States Marine Corp

Ground Radio Repair

- Assisted in the maintenance and troubleshooting of various comms equipment, ensuring unit readiness
- Maintained strong teamwork, perseverance, and communication skills to resolve difficult tasks

Skills

Languages: C/C++, Python, SQL, Java, HTML/CSS

Tools: Django, MySQL, Git, Flask

Currently Learning: JavaScript, React