

AAWEZ MANSURI

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EDUCATION

CALIFORNIA STATE UNIVERSITY - NORTHRIDGE

Master of Science in Computer Science

Northridge, CA

August 2021 - May 2023

Relevant Coursework: Machine Learning, Data Mining, Human-Computer Interaction, Software Engineering

GANPAT UNIVERSITY

Bachelor of Technology in Computer Science

India

August 2016 - May 2020

Relevant Coursework: Data Science Modeling, Artificial Intelligence, Cognitive Computing Data Structures, Algorithms

SKILLS

Programming Languages:: Python, R, C++, Java, Scala, HTML, CSS, JavaScript, SQL, NoSQL

Technical Tools: Git, Docker, Kubernetes, Tableau, Amazon Web Services, Jupyter Notebook, MySQL, MongoDB, Heroku

Python Libraries: Django, Flask, Scikit-learn, Numpy, Pandas, Matplotlib, TensorFlow, Keras, PyTorch, NLTK, OpenCV

Miscellaneous: CI/CD, OpenAI APIs, Linux, Figma, Trello, Jira, Scrum

WORK EXPERIENCE

AZILEN TECHNOLOGIES PVT. LTD.

Software Engineering Intern (ML/DS)

India

December 2019 – May 2020

- Developed a real-time people counting system using OpenCV, leveraging pyimagesearch (centroid tracking) and mobilenet_ssd (pre-trained Caffe deep learning) to track people entering and exiting premises with timestamps.
- Designed and implemented an LSTM and ARIMA-based restaurant sales forecasting model; achieved 83% accuracy with LSTM after thorough data preprocessing and cleaning.
- Conducted Market Basket Analysis using Apriori on supermarket kiosk data, resulting in a 17% sales increase by identifying and grouping commonly purchased items for upselling.
- Analyzed user interaction logs from the flagship eMenu iPad application, deriving metrics such as average order time and user focus areas, subsequently aiding UI/UX enhancements.
- Trained in OOPs, RDBMS, Agile Practices & Scrum, Data Structure, Quality Testing, and Business Communication.

IMPERO IT SERVICES PVT. LTD.

Data Analyst Intern

India

May 2019 – July 2019

- Conducted comprehensive data analysis of Google Play Store metrics to identify emerging market trends specific to photo editing applications.
- Created insightful visualizations that decoded patterns and preferences within the photo editing app domain, assisting in market positioning.
- Leveraged Tableau to design and present dynamic visualizations highlighting evolving fashion trend shifts.
- Collaborated closely with clients, ensuring the visual representations accurately captured and conveyed the essence of their new clothing line's market positioning.

PROJECTS

8BIT AUDIO

- Launched 8bit Audio, a specialized online marketplace offering royalty-free sound effects, audio samples, and presets. Additionally, utilized web design skills to create an intuitive and aesthetic website.
- Boosted revenue and developed a loyal global base of over 30,000 monthly visitors through strategic Google Ads campaigns, enhancing return on ad spend (ROAS).

GPT-DRIVEN PALETTE CREATION

- Utilized OpenAI's GPT3.5 Turbo API to create an interactive web application, allowing users to input textual prompts and receive dynamically generated color palettes based on the response.
- Developed backend using Python Flask, streamlined deployment processes via AWS Elasticbeanstalk, and implemented CI/CD with AWS CodePipeline.

DOG BREED CLASSIFICATION

- Engineered a user-friendly Flask web application, seamlessly integrated with a pre-trained Keras model, capable of accurately predicting a dog's breed from given image data.

NETWORK INTRUSION DETECTION

- Completed Master's thesis on Few-Shot Learning using Prototypical Networks on the NSL-KDD dataset, achieving 95.6% accuracy with under 1% of training data.