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EDUCATION

Northeastern University

Master of Science in Information Systems

Relevant Courses - Application of Engineering Development, Database Management & Design, Data Structures, Data Science

Boston, MA

Expected May 2024

Mumbai University

Bachelor of Engineering in Electronics & Telecommunications

Relevant Courses - Image Processing, SQL, Programming with C++

Mumbai, India

Oct 2020

TECHNICAL SKILLS

Database: SQL, Oracle, Google Firebase, MongoDB
Languages: Python, Dart, Flutter, Swift, Kotlin SQL, Java, JavaScript, C, C++ HTML/CSS3
Technologies: Computer Vision, Natural Language Processing, Mobile Application, Linux, Machine Learning
Toolkits: Git/GitHub, Visual Studio Code, IntelliJ IDEA, Android Studio, PyCharm, Google Colab, XCode
Frameworks: OpenCV, Django, Flask, Java Swing, ReactJS Spacy, NLTK, Keras, Tensorflow, Tableau, TFLite

PROJECTS

ChatGPT Android Application - Flutter, Dart, Firebase, Android Studio, ChatGPT

February 2023

- Developed a full-stack mobile app integrating OpenAI API, Flutter, and Dart, with Firebase storage as the backend
- Implemented OTP verification in the signup and login feature, ensuring user authenticity and optimizing app usability

Automobile Application - React.js, Django, and MySQL

March 2022

- Engineered an e-commerce platform using React.js, Django, and MySQL to enable seamless online transactions and enhance customer experience
- Integrated PayPal API for seamless and secure payments, resulting in a 15% decrease in payment-related errors
- Incorporated social media sharing and referral features, the resulting increase in website traffic driving more user engagement, and increasing brand awareness

Self-Driving Car - Computer Vision, C++, Keras, RaspberryPi, and Arduino

January 2020

- Built a self-driving car robot utilizing OpenCV (C++) and CMake for the Raspbian OS which achieved accurate and real-time detection of objects and obstacles to enable precise and efficient navigation in different driving scenarios
- Optimized the performance of a self-driving car by achieving a 200% improvement in the frame rate of object detection
- Secured significant funding from Mumbai University to support the development and implementation of the project

WORK EXPERIENCE

TechShiksha Labs (Witblox)

Mumbai, India

Python Developer

January 2021 - August 2022

- Developed a comprehensive hardware and software solution that leverages computer vision-based algorithms to train and classify objects using KNN classification and Firebase effectively
- Translated the UX team's wireframes and mockups into fully responsive features using HTML5, CSS3, JavaScript, Bootstrap
- Generated substantial revenue for AI-Vision Blox by creating engaging video content across multiple channels including YouTube and mobile applications, resulting in 5000+ successful sales

TechnoDuct

Mumbai, India

Deep Learning Engineer and Python Developer

August 2020 - December 2020

- Developed script for scraping user data in the form of text and images from social media using BeautifulSoup, Regex, and Spyder in Python, reduced the processing time by up to 60% by using multithreading and multiprocessing
- Streamlined the dashboard creation process by creating a pipeline using Dash-Plotly in Python, eliminating the manual efforts required for creating Dashboards on Tableau, saving an average of 3 hours per dashboard creation

CERTIFICATIONS

Python Nanodegree [Udacity]

[\[https://confirm.udacity.com/PKRGK7DH\]](https://confirm.udacity.com/PKRGK7DH)

Machine Learning Nanodegree [Udacity]

[\[https://confirm.udacity.com/VRAQ7TAD\]](https://confirm.udacity.com/VRAQ7TAD)