Tristan Hancock

Mumbai, Maharashtra-9819861904 | tristanhancock@gmail.com

https://www.linkedin.com/in/tristan-hancock-b54570223/

EDUCATION

NMIMS University:MPSTME   **Mumbai,Maharashtra**

Btech Computer Science   **Jul 2025**

WORK EXPERIENCE

No Pixel PVT LTD   **Mumbai,Maharashtra**

Web Developer   **Dec 2022 - Apr 2023**

- Developed a streamers website utilizing HTML, CSS, and JavaScript to connect to the YouTube API and fetch data from streamers playing games on their respective channels. Created a centralized hub for players to find and connect with their favorite streamers, resulting in an increase in user engagement by 60%.
- Developed and implemented a Python script to automate data analysis and report generation, reducing manual labor by 70% and ensuring compliance with contractual obligations.
- Implemented a robust database to store all customer data, resulting in a 30% reduction in time spent manually granting access.
- Designed and programmed a custom bot using Python to identify and outreach to potential partners, resulting in a 25% increase in partnerships within the first month.

Tech arts Private Limited   **Mumbai,Maharashtra**

Data Scientist Intern   **Contract 2024**

- Tested written research papers and conducted evaluations utilizing TensorFlow, OpenCV, and additional machine learning libraries to assess and enhance detection capabilities.

Esim air connectivity solutions Ltd   **Mumbai,Maharashtra**

Web Developer   **Contract 2024**

- Developed an ecommerce website using wordpress

PROJECT EXPERIENCE

Max Fitness AI

(DEMO- https://www.linkedin.com/feed/update/urn:li:activity:716704299306910210/)

Full Stack Developer

- Utilized React JS, CSS, Express, and MongoDB in conjunction with OpenAI's GPT to develop "Max

Fitness AI," a dynamic web application designed to assist users in selecting and prioritizing fitness tasks. Integrated OpenAI API to enable AI-driven recommendations, enhancing user decision-making processes. Implemented secure login systems and data storage solutions for user information and activity threads, ensuring a personalized and interactive user experience.

Grocery Chat Assistant AI
(DEMO-https://www.linkedin.com/feed/update/urn:li:activity:7161984638498791424/)

Full Stack Developer

- Utilized React JS, CSS, Django (Python), and OpenAI's GPT-4 API to develop "Grocery Chat Assistant AI," an advanced web application crafted to streamline the grocery ordering process. The application facilitated an interactive platform where users can easily place grocery orders, receive personalized item recommendations through deep learning analysis, and get a detailed invoice for their purchases.

Lung Cancer Detection Model

(DEMO-https://github.com/Tristan-Hancock/LungCancerPrediction)

Data Scientist/ML Engineer

- Designed and implemented a machine learning model using logistic regression to predict the likelihood of lung cancer based on patient data. This project involved extensive data preprocessing, model training, and validation to achieve high accuracy and reliability. It underscores my skills in applying machine learning techniques to health data, contributing to early diagnosis and treatment strategies.

Cyber Cypher Hackathon Finalist - FetchAI Implementation

AI Developer / Data Scientist / Software Developer

- Achieved finalist status at the prestigious Cyber Cypher Hackathon by leveraging FetchAI **blockchain** technology to address critical business challenges, including untimely sales, inventory management, and sales forecasting. Engineered a sophisticated solution that employs deep learning algorithms and backward propagation to analyze and predict sales trends, offering actionable insights for business owners to optimize profitability. The project highlighted my adeptness at developing AI-driven agents capable of providing strategic advice for enhancing business operations, showcasing a blend of innovative problem-solving skills and advanced technical proficiency.

Face Detection System

(GitHub - https://github.com/Tristan-Hancock/FaceDetectionImageProcessing)

Software Developer

- Developed an advanced face detection system employing image processing techniques and libraries, including OpenCV. Designed to accurately identify faces within photos and videos, this project involved integrating various image processing algorithms to improve detection accuracy. The system demonstrates the potential for applications in security, user authentication, and photographic software, showcasing my proficiency in handling complex image data and real-time processing.

eSports India Platform

Web Developer

- Led the development of "eSports India," a comprehensive web platform that enables users to engage with the eSports community by registering for tournaments, forming teams, and participating in community discussions. Built using modern web technologies, this project highlights my ability to create engaging, community-driven web applications that cater to the specific interests and needs of users, promoting eSports activities and events across India.

.

Medium

(Link - https://medium.com/@tristanhancock_99866)

Technical Writer/Blogger

- Authored a comprehensive article on Medium about the GPT-4, OpenAI's multimodal language model, detailing its key features, applications, the API integration process, and potential future developments.

LEADERSHIP EXPERIENCE

No Pixel India PVT LTD	**Mumbai,Maharashtra**
Interview team	**Dec 2022 - Apr 2023**

- Proactively established thorough protocols for vetting applications, mitigating risk of fraud by 35%.
- Conducted video call interviews with 40+ candidates, achieving 100% customer satisfaction & retention rate.
- Directed interview team to evaluate over 2500 applications to whitelist players onto gaming server, resulting in 75% pass rate & successful launch.

ABOUT ME

As a dedicated BTech student at NMIMS University's Mukesh Patel School of Technology Management and Engineering, I am ambitiously striving towards a multifaceted career across various fields and roles, both technical and non-technical. A deep-seated passion for software development propels me to continuously push boundaries and stay ahead of technological advancements.

Contact my linkden through- https://www.linkedin.com/in/tristan-hancock-b54570223/