

Utsav Kailash Kothari

Computer Science Intern

✉ utsavkothari2002@gmail.com ☎ + 44 78101 36025

📍 Newcastle Upon Tyne, UK in utsav2002

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👤 PROFILE

Computer Science graduate with expertise in machine learning, deep learning, and object-oriented programming. Skilled in project implementation, responsive web design, and database optimization. Adept at cross-functional collaboration, problem-solving, and continuous learning. Eager to contribute to innovative projects in AI and computer science.

🎓 EDUCATION

BSc. Honours in Computer Science

Newcastle University

09/2021 – 06/2024

Key Modules: Python, Java, Data Visualisation, Predictive Analysis and AI, C-Programming, Web Development, System and Network Security

International Baccalaureate Diploma

Fountainhead School

05/2019 – 05/2021

Subjects: Mathematics, Economics, Physics, Chemistry, English, French

👛 PROFESSIONAL EXPERIENCE

4Eversolutions

Intern

04/2018

Engaged in web development projects using HTML, CSS, and JavaScript. Contributed to the creation of responsive and visually appealing website designs, ensuring seamless user experiences.

NJ Invest India Pvt. Ltd

Intern

05/2017

Focused on optimizing Database Management Systems using SQL. Streamlined data retrieval processes, enhancing overall database efficiency and user accessibility.

Market Hub Stock Broking Pvt. Ltd

Intern

05/2018

Conducted in-depth stock market analysis and managed client portfolios. Successfully identified market trends, providing valuable insights that contributed to informed investment decisions and portfolio growth.

📚 COURSES

Machine Learning A-Z, Udemy

Mastery of Python and R for machine learning. Practical applications of regression, clustering, and reinforcement learning models. Special emphasis on data preprocessing, feature selection, and model evaluation.

Google Machine Learning Education, Google AI

Advanced learning in TensorFlow techniques, focusing on both supervised and unsupervised learning algorithms. Developed practical skills in neural networks and deep learning applications.

📁 PROJECTS

Email Spam Filtering Project

Utilized Naive Bayes Theory and TensorFlow to design an efficient spam filter. Achieved a high accuracy rate of 87%, demonstrating the effectiveness of the model in classifying and filtering unwanted emails.

Movie Recommender System

Developed using collaborative filtering in Python. Achieved 75% accuracy, successfully providing personalized movie recommendations based on user preferences and past viewing habits.

CIFAR-10 Classification

Implemented a Convolutional Neural Network (CNN) to classify images from the CIFAR-10 dataset. Attained 92% training accuracy and 84% validation accuracy, showcasing the model's robustness in image recognition tasks.

🧠 TECHNICAL SKILLS

Programming

Python, R, TensorFlow, PyTorch, Scikit-learn, Pandas, Matplotlib, NumPy, Seaborn.
Additional Languages: C, C++, Java.

Web Development

HTML, CSS, JavaScript, Bootstrap, PHP.

Database Management

Efficient database design and analysis with SQL.

Software and Cloud Services

Proficient with using Power BI, SAP, Oracle, Microsoft 365, AWS, Azure, Git, Virtual machine setting up.

🧠 SOFT SKILLS

Adaptability

Quickly adapted to new roles and responsibilities.

Communication

Resolved more than 90% of customer issues efficiently at a part-time job

Leadership

Led university group projects and organized events.

Time Management

Balanced academics and social life effectively.