UTKARSH MISHRA

Mumbai, India Utkarshsome@gmail.com 8369552030

Motivated and passionate IT student with a strong academic background in computer science. Skilled in programming languages such as Java, Python, and C++, with experience in web development and database management. Proven ability to work effectively in a team environment, with excellent communication and collaboration skills.

Employment History

Research Assistant

3D Car Modelling Using Augmented Reality. **(Published)**   02/2022 to 03/2023
- We present a method for creating a 3D model of a car using augmented reality (AR) technology.
- Our method allows users to interactively design and visualize a 3D car model in real-time using a mobile device.
- The integration of physics-based simulations and AR technology offers a unique and immersive experience for users

Research Assistant

Road Detection Form High-Resolution Satellite Image Using LVQ. **(Published)**   04/2021 to 02/2022
- We proposed method provides a novel approach for detecting roads from high-resolution satellite images, which is accurate and efficient.
- The LVQ algorithm offers a robust framework for pattern recognition, which can be adapted to various image-processing tasks.
- Our research contributes to developing intelligent systems for analysing satellite imagery and supports decision-making in multiple domains.

Web Developer

Earthmai Foundation, Mumbai **(Intern)**   04/2021 to 07/2021
- Worked to assess competing websites regarding content, look, and feel.
- Worked as a productive and positive team member to design, code, test, report, and debug operations.

Education

Bachelors in Information Technology

Thakur College of Science and Commerce, Mumbai

- During my college years, I immersed myself in a range of programming languages and IT tools, cultivating a comprehensive understanding of their functionality.
- Subsequently, I secured a web development internship, which provided me with valuable industry experience.
- Building upon this, I engaged in research work with esteemed professors, completing two distinct projects in the fields of Machine Learning and Game Development.
- Notably, I collaborated on a Unity and C# powered Realtime Utility Mobile Application, which served as an exemplar of my adaptability and technical capabilities.

Projects

3D Car Modelling Using Augmented Reality (Final Year)
UNITY, C#, Machine Learning, Natural Processing Language, Artificial Intelligence

Fake News Detection Using Python
Python, Machine Learning

Project on Detection of Credit Card Fraud
Python, Machine Learning

CAPTCHA Verification
Java

University Library Management
SQL, HTML, CSS and JavaScript

Courses

MATLAB Onramp, MATH Works	**2023**
Machine Learning Onramp, MATH Works	**2023**
German Language, Thakur College of Science and Commerce	**2022**
Drupal Cap, Drupal	**2021**
Graphic Designer, Maharashtra Knowledge Corporation Limited	**2019**

Websites & Social Links

Linkedin - www.linkedin.com/in/utkarsh-mishra-271358263/
ResearchGate - www.researchgate.net/profile/Utkarsh-Mishra-21
Web of Science - www.webofscience.com/wos/author/record/HPH-6144-2023
Orcid - orcid.org/0009-0001-4934-2007

Extracurricular Activities

Volunteer, National Service Scheme, Mumbai   06/2020 – 04/2022
- I participated in various volunteer activities that have allowed me to give back to my community.
- These experiences have taught me the value of compassion, empathy, and service.
- Blood donation, Tutoring and mentoring, adult education, cleaning camps, and Providing food to the rural poor

Skills

- Leadership
- Time Management
- Fast Learner
- Ability to Work Under Pressure
- Teamwork
- Ability to Multitask
- Communication
- Ability to Work in a Team

- Microsoft Excel, PowerPoint
- MySQL
- Data Science
- Java
- R
- C++
- Python
- Microsoft Office
- MATLAB

- Data Science
- Machine Learning
- Data Analysis
- Programming
- Python
- Software Developer
- Software Testing
- Automation
- Development