

STUTI BIMALI

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Master's student in Data Science with a bachelor's in computer science and engineering. Skilled in data analysis, machine learning, and process optimization using Python, R, and SQL. Experienced in data visualization (Tableau, Power BI) and project management. Conducted research on CNN for fire detection, contributing valuable insights. Seeking a Research or Teaching Assistant position to apply analytical skills and support academic success.

SUMMARY OF TECHNICAL SKILLS:

- **Programming Languages/ Web Technologies:** C, Python, Java, JavaScript, HTML, CSS, JSON
- **Data Science & Analysis and Database Management:** R, SQL, MySQL
- **Data Visualization:** Tableau, Power BI, Excel
- **Mobile Application Development:** Android

EDUCATION

Master's in Data Science August 2024 - Present
University of New Haven, West Haven, CT

Bachelor of Engineering, Computer Science and Engineering July 2018 - July 2022
New Horizon College of Engineering, Bangalore, India Grade: 9.13/10

EXPERIENCE

iAssist Innovations Labs Bangalore, India
AI Scientist June 2023 - July 2024

- Developed and implemented algorithms for optimizing bill processing in healthcare, enhancing data accuracy and operational efficiency through rigorous data analysis.
- Automated QA processes for data extraction, ensuring high integrity and reliability of datasets for further research applications.

Cognizant Bangalore, India
Programming Analyst Intern September 2022 – January 2023

- Conducted in-depth data analysis and reporting, providing actionable insights that supported data-driven decision-making in cross-functional teams.
- Collaborated with multidisciplinary teams to enhance project outcomes, fostering a research-oriented approach to problem-solving.

PUBLICATION

Stuti Bimali, P Rachana, B Rajalakshmi, Tushar Bhat, Sukhmanjeet Kaur - Comparative Study of Different Methods for Fire Detection Using Convolutional Neural Network (CNN) - 2022 4th International Conference on Smart Systems and Inventive Technology (ICSSIT) - IEEE Xplore - 25 February 2022 - Tirunelveli, India - DOI: 10.1109/ICSSIT53264.2022.9716284
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