SIDDHARTH SHIVPRASAD ADHIKARI

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EDUCATION

University at Buffalo, The State University of New York August 2024–Present
Master of Science, Engineering Science in Data Science *Buffalo, New York*

Relevant Coursework: Statistical Learning and Data Mining I, Introduction to Numerical Mathematics for Computing and Data Science, Introduction to Probability Theory for Data Science, Programming and Database Fundamentals for Data Scientists

Savitribai Phule Pune University August 2020–May 2024
Bachelors in Computer Engineering with honors in Data Science (CGPA: 9.12 / 10.00) *Pune, Maharashtra, India*

Relevant Coursework: Fundamentals of Programming, Object Oriented Programming, Database Management System, Data Structures and Algorithms, Advanced Data Structures and Algorithms, Computer Networks, Operating Systems, System Design, Data Science and Machine Learning, Problem Solving and Analytical Thinking

WORK EXPERIENCE

INTERNSAVY — IT / Computers - Software Pune, Maharashtra, India
Data Science Intern *September 2023 - October 2023*

- Implemented Data Mining, Data Visualization, and Predictive Modeling.
- Performed classification for Graduate Admission Prediction, conducted clustering analysis on customer datasets, analyzed customer segmentation using Python, and predicted Cricket Player Performance.

TechBulls SoftTech Pvt.Ltd Pune, Maharashtra, India
Data Science Intern *January 2023 - July 2023*

- Designed an Employee Management System featuring CRUD functionalities and data analysis logs for each employee.
- Implemented Database Administration (DBA) and Python Development.

SKILLS

Languages: Python, R, SQL, MATLAB

Technologies: Data Science, Machine Learning, Deep Learning, Jupyter Notebook, Tableau, MySQL, MongoDB, VSCode, PyCharm

PROJECTS AND RESEARCH PAPERS

Virtual Trial Room | *Python, ML, AR, HTML, CSS*

- Developed a web app for an AR virtual fitting room using TensorFlow, PyTorch, and OpenCV. The app detects and tracks body movements in real-time, allowing users to see how clothes fit on them interactively. It features a user-friendly clothing catalog and live camera preview, ensuring precise fitting simulations by comparing predicted and actual results.

[J.1] Ketaki Bhoyar, Siddharth Adhikari, Ruchita Toke, Karan Hinge, Shrutika Dhokane, (2024). **Title of Journal Article**. *International Journal of Advanced Research in Computer and Communication Engineering*, Vol. 13, Issue 7, 2024
DOI: 10.17148/IJARCCE.2024.13714

Heart Health Analysis | *Python, ML, HTML, CSS*

- Created a heart health analysis project that leverages machine learning techniques for predictive modeling and data analysis. The project features a user-friendly interface built with HTML and CSS, making it easy for users to navigate. Implemented algorithms to evaluate risk factors and deliver actionable health insights, helping users understand their heart health better.

ACHIEVEMENTS

Awarded First Prize, Tech Combat Hackathon September 2023
Organized on an inter-institutional level.