Shivam Sunil Bhosale

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TECHNICAL SKILLS

- Languages: Python, Java, C, C++, HTML, CSS, JavaScript
- Data science and analysis: Machine Learning, Data Mining, Neural Networks
- Database Management: SQL, MongoDB, Hadoop
- Frameworks: TensorFlow, Keras, Scikit-learn, Pandas, NumPy, Matplotlib
- Tools/Methodologies: Excel, Tableau, Power BI, Git, JIRA, Slack, Scrum, Agile
- Operating Systems: MacOS, Windows, Linux

EDUCATION

Master of Applied Computing   Sep 2022 - Present
University of Windsor, Windsor, ON
- Relevant Coursework: Introduction to Artificial Intelligence, Advanced Database Topics, Advance Software

Bachelor of Technology Computer Science Engineering   Jun 2017 - May 2021
SRM Institute of Science and Technology, Chennai, India
- Relevant Coursework: Machine Learning, Database Management Systems, Discrete Mathematics

ACADEMIC PROJECTS

AI Agent for Minesweeper   Sep 2022 - Dec 2022
University of Windsor, Windsor, ON, Windsor, ON
- Teamed up with 4 students to design an AI agent to solve the Minesweeper game using principles of inference rules and knowledge based algorithms
- Created and deployed playable game using Pygame interface in Python

Plant Leaf Disease Detection - Convolution Neural Networks   Jan 2021 - May 2021
SRM Institute of Science and Technology, Chennai, India, Chennai, India
- Collaborate with a team member to build a leaf disease detector was tested to an accuracy of 98%
- Devised the project leveraging Python frameworks - TensorFlow, Keras and Scikit-learn
- Hosted model as a web application using Streamlit Python library

CERTIFICATES & TECHNICAL TRAINING

IBM Data Science Professional Certification
Coursera
- Studied and worked around different tools for Data Science
- Performed data analysis and visualization techniques on various datasets
- Constructed and deployed ML models using both unsupervised and supervised learning

DeepLearning.AI TensorFlow Developer Professional Certification
Coursera
- Designed and trained neural networks to work on variety of dataset including real world text and image
- Trained machines to understand, analyze, and respond to human speech with natural language processing systems

PUBLICATIONS

- "Detection of Diseases in Plant Leaf Using CNN Technique", Eicicn2021 (Conference) https://www.int-jecse.net/article/Detection+of+Diseases+in+Plant+Leaf+Using+CNN+Technique_1892/
- "Jerry Token Farm- A Blockchain Based Decentralized Finance Application", International Research Journal of Engineering and Technology, Vol 8 Issue 5, 2021 https://www.irjet.net/archives/V8/i5/IRJET-V8I5573.pdf

WORK EXPERIENCE

Data Science and Business Analytics Intern   Jan 2021 - Feb 2021
The Spark Foundation, Mumbai, India
- Performed a diverse range of analysis tasks on a weekly basis
- Utilized Machine Learning skills to apply algorithms to classify and predict outcomes from raw datasets

Student Intern   Jun 2019 - Jul 2019
IIT Kanpur, Kanpur, India
- Developed a self-driving bot and contributed to its completion
- Collaborated in creating innovative solutions using Internet of Things (IoT) technology