

CHUKKALA DURGESH

MACHINE LEARNING | BUSINESS DEVELOPMENT

durgeshchukkala@gmail.com | +91 9182131678 | DOB - 08 NOV 2001

SKILLS

- Data analysis
- Critical thinking
- Machine learning
- Problem Solving
- Communication
- Teamwork

TECHNICAL SKILLS

- **Programming Languages:**
Python, HTML, CSS
- **Data Science Libraries:**
NumPy, Pandas, Matplotlib, Seaborn
- **Machine Learning Frameworks:**
Scikit-learn, TensorFlow
- **Natural Language Processing:**
NLTK, Gensim
- **Web Development Frameworks:**
Flask, Streamlit, Panel
- **IDE/Environments:**
Jupyter Notebook

PROFILE

Seeking an entry level position in a dynamic organisation, where I can leverage my skills and qualifications to contribute to the success of the organisation while developing my professional skills and gaining valuable experience

EXPERIENCE

Business Development Associate **Nov'23 - Mar'24**
Corizo Edutech | Bangalore

EdTech marketing focuses on promoting educational technology solutions to students, parents, and institutions. It involves crafting compelling content, leveraging digital channels, understanding target audiences, and driving student enrolment or institutional adoption to achieve business growth.

Business Development Associate **Apr'24 - Jul'24**
Skolar Edutech | Bangalore

EdTech marketing involves strategic planning and execution to promote educational technology products or services. This includes developing marketing strategies, building brand awareness, generating leads, and driving student or institutional adoption

PROJECTS

ANT COLONY OPTIMIZATION FOR TRAVELLING SALESMAN PROBLEM

My expertise encompasses the Ant Colony Optimization (ACO) algorithm, inspired by empirical observations of ant groupings in natural habitats. This algorithm intricately studies and analyses the foraging behaviours of real ants, specifically their adeptness in selecting the shortest path from nest to food sources. By emulating nature's efficiency, ACO algorithm optimises problem-solving methodologies, particularly in route optimization and resource allocation scenarios. With a profound understanding of this algorithm's principles, I have demonstrated prowess in devising innovative solutions that mirror nature's intelligence, contributing to advancements in various domains requiring optimization and pathfinding strategies

Source Code: <https://github.com/DurgeshChukkala08/AOC>

CERTIFICATES

COURSERA

- Natural Language Processing with Classification and Vector Spaces. Mar'23
- Natural Language processing with Probabilistic Models. Mar'23
- Natural Language processing with Sequence Models. | Apr'23
- Unsupervised Learning, recommenders, reinforcement learning. | Oct'23
- Successfully completing Amazon Web Services Assessment

AWARDS

- A competition on Photography | Sep'23
- Best Performer of the month at Corizo Edutech. | Jan'24

VICON PHYSICAL ACTION DATA SET

I have hands-on experience with the Physical Action Data Set, encompassing 10 instances each of normal and aggressive physical actions, meticulously measuring human activity. These datasets were meticulously gathered by ten individuals utilising the Vicon 3D tracker, ensuring precision and reliability. My familiarity with this dataset reflects my proficiency in handling and analysing complex data, particularly in the realm of human movement analysis. Through meticulous scrutiny and insightful interpretation, I have gleaned valuable insights into patterns of physical behaviour, contributing to advancements in fields such as sports science, biomechanics, and rehabilitation engineering.

Source Code: <https://github.com/DurgeshChukkala08/VICON-PHYSICAL-ACTION-DATA-SET-machine-learning>

EDUCATION

Lovely Professional University | Punjab, IN

B.tech in Computer Science

Jun'20 - Mar'24

CGPA: 7.89

Tirumala Educational Institution | Visakhapatnam, IN.

MPC Board of intermediate Education

Jun'18 - Mar'20

CGPA: 8.88

Bhashyam Public School | Visakhapatnam, IN

Board of Secondary Education

Mar'18

CGPA: 9.2