



CHUKKALA DURGESH

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SUMMARY

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

TECHNICAL SKILLS

- Python, C++
- HTML, CSS
- MS-Excel

CERTIFICATES

- Natural Language Processing with Classification and Vector Spaces
| Coursera Mar'23
- Natural Language Processing with Probabilistic Models
| Coursera Mar'23
- Natural Language Processing with Sequence Models
| Coursera Apr'23
- Unsupervised Learning, Recommenders, Reinforcement Learning
| Coursera Oct'23
- Python Essential Training
| LinkedIn Feb'23

POWER SKILLS

- Curious and Creative
- Logical and Objective Approach
- Analyzing Complex issues
- Innovative Thinker

EXTRACURRICULAR ACTIVITIES

- A Competition on photography Sep'23

SUMMER TRAINING

ADVANCE PYTHON PROGRAMMING FROM EBOX

Jun' 22 – Jul'22

Proficient in Python, I developed a Restaurant Bill Management System incorporating service charges and state taxes. Ensured compliance with regulations, enhancing customer experience. Skilled in financial calculations, programming, and delivering exceptional service. Bachelors in Computer Science with relevant certifications. Committed to accuracy and innovation in restaurant management solutions.

PROJECT

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 analyzes the foraging behaviors of real ants, specifically their adeptness in selecting the shortest path from nest to food sources. By emulating nature's efficiency, ACO algorithm optimizes 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: <C:\Users\durge\Downloads\AOC-main.zip>

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 utilizing the Vicon 3D tracker, ensuring precision and reliability. My familiarity with this dataset reflects my proficiency in handling and analyzing 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 behavior, contributing to advancements in fields such as sports science, biomechanics, and rehabilitation engineering.

Source code: <C:\Users\durge\Downloads\VICON-PHYSICAL-ACTION-DATA-SET-machine-learning-main.zip>

ACHIEVEMENTS

- Best Business Development Associate (BDA) of the month in Corizo. | Jan'24
- Solved 100+ Data Structures and Algorithms in GreekforGreeks.

EDUCATION

- B. Tech in Computer Science: Jun'20-Present
Lovely Professional University | Phagwara, IN
CGPA: 7.02
- Higher Studies: Jun'18-Mar'20
Tirumala Educational Institution | Visakhapatnam, IN
CGPA: 8.88
- Secondary School Mar'18
Bhashyam Public School | Visakhapatnam, IN
CGPA: 9.2