

# Dhanushvarma R

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## Education

### VIT Bhopal University

Computer Science and Engineering

Relevant Coursework: Data Analysis, Artificial Intelligence, Algorithms

Bhopal, Mp  
May 2022

### Government Junior College

High School, GPA – 74/100

Koratagere, KA  
June 2015

## Research Paper

### Experience-based learning for multi-parameter regression control of snake-like robots Sep 2023

*Publisher – Atlantis ( part of Springer )*

- real-time manipulation of their movements is challenging.
- This paper introduces a new machine learning-based control framework that utilizes a clustering algorithm to classify training data into multiple clusters.
- a novel strategy that uses data from previous training to convert multiple regressions into a single regression problem for parameter modification.
- Our experimental results demonstrate the adaptability of the robots in different pipe environments using our algorithm framework.

### Enhancing the protection of consumer as well as provider for fair data commerce

Nov 2023

- In this paper a block-chain-based approach in order to facilitate fair data commerce in this research.
- We have proposed a protocol for secure data exchange that makes use of SCs in a DLT.
- In our protocol the consumer can check a subset of the data before the actual payment and both the consumer and the provider are protected.
- Another important issue that our protocol has solved is how to select and exchange the keys to disclose the fair data sample.

## Leadership and Activities

### VIT Bhopal University

Bhopal, MP

- Head of the photography club in Harvfest (2020) and State representative in the fest.
- Member of robotics and software club.

## Skills & Interests

**Technical:** C++, Python, HTML, CSS, SQL, PHP, Power BI, Pandas, Numpy, Artificial Intelligence

**Language:** English, Kannada, Telugu, Hindi

**Laboratory:** Jupiter notebook

**Interests:** Photography, Robotics