



DHRUV R KRISHNAN



+91 98806 11945



dhruv.r.krish@gmail.com



[LinkedIn](#)



[GitHub](#)

PROFESSIONAL VALUES

- **Strong Team Player:** Gets along with team members for common goal
- **Efficient Leadership:** Managing teams, strategy, ethics and timelines
- **High Analytical Skills:** algorithm analysis and formulation, efficient diagnostics in analysis, glitches and troubleshooting, data mining and analysis
- **Excellent Communication skills**
- **Adaptability:** Flexible and versatile with people and challenges
- **Leverage Knowledge**
- **Creativity:** Out of the box thinking

EDUCATION

B. Tech (Artificial Intelligence Engineering) - Currently, Semester 4 completed

Amrita School of Computing, Amritha
Vishwavidyapeetham, Kollam, Kerala

+2, CBSE (2021)

Nagarjuna Vidyaniketan, Bangalore
Percentage – 94.6

10th, CBSE (2019)

EuroSchool, Bangalore
Percentage – 95

INTERNSHIP EXPERIENCE

ML Software Development • Additive Intech Solutions Pvt. Ltd.

12/22 – 01/23

Data Collection • Murata Manufacturing Co. Ltd.

01/23 – 02/23

Embedded Systems • Optimus Logic Pvt. Ltd.

02/23 – 03/23

CORE COMPETENCIES

Programming Languages/Tools:-

- Python
- Java
- C++
- R
- HTML
- CSS
- JavaScript
- MATLAB
- DBMS
- ROS (Robotic Operating Systems)
- Hadoop – Bigdata framework
- Gradio
- Flutter

Artificial Intelligence:-

- TensorFlow
- Scikit-learn
- NumPy
- Pandas
- Matplotlib
- Seaborn
- Huggingface

CERTIFICATIONS/ SUBJECTS

Professional Certifications:-

- NIT Warangal – Artificial Intelligence & Machine Learning
- Kaggle – Intro to Machine Learning
- Kaggle – Intermediate Machine Learning
- Kaggle – Intro to Deep Learning

Curriculum subjects:-

- Mathematics for Intelligence Systems – AI Mathematics
- Intelligence of Biological Systems – AI in Bioinformatics
- Python for Machine Learning
- Design and Analysis of Algorithms
- Data Structures and Algorithms
- Robotic Operating Systems and Robot Simulation
- Introduction to Computer Networks
- Operating Systems

HACKATHONS/ CONTESTS/PROJECTS

Honorary Mention • Spark Hub International ML Hackathon

Project: Heart Failure Prediction Software

Winner • MLH Global Hack Week Challenge

Twilio Quest Challenge

2nd Runner-Up • Scinova Science Fest: State Level Coding Contest

Competitive coding

Runner-Up • CodeSTC National Web Development Contest

Highlight: Youngest participant (age – 15; average age – 20)

Project: Portfolio

Ongoing Research Project • Neurovascular Mapping of Human Brain

Under Dr. Amitava Mukherjee and Dr. Georg Christoph Gutjahr

Group Project • Indian Sign Language Translator

Identifies sign language letters to formulate state names

Group Project • Brain Tumor Detection

Detecting glioma, meningioma and pituitary brain tumor using MRI

Personal Project • Lung Cancer Detection

Detecting lung cancer in patients using CT scans

Group Project • Waste Sorter

Segregate cardboard, glass, metal and plastic waste using images

Personal Project • COVID-19 Analysis

Analyze 2020 COVID trends to predict 2021 COVID trends

Group Project • Gesture Controlled Robot using ROS

Controlling motion of robot from hand gestures using ROS framework

Group Project • Generating Neighbourhood of DNA Sequence

Finding neighbourhood of DNA sequence using hamming distance of kmers

LEADERSHIP

Lead @ SIGAI (AI Special Interest Group) • ACM Student Chapter, Amritapuri

Lead of the AI club at ACM Student Chapter, Amritapuri

VOLUNTEERING ACTIVITIES

ICPC '22 South Asia Regional Finals

52-year-old international coding contest conducted by ICPC Foundation

Algo-Queen '23

Girls' coding contest conducted by Amrita Vishwa Vidyapeetham, Amritapuri, sponsored by IBM Quantum and recognized by ICPC Foundation

Vidyut '23

National level multi-fest conducted at Amrita Vishwa Vidyapeetham, Amritapuri

PERSONAL DETAILS

Forums

- GitHub - <https://github.com/DRK-20>
- LinkedIn - <https://www.linkedin.com/in/dhruv-krishnan-65772923a>

Extra curriculars

Basketball | Cricket | Football | Badminton | Athletics
Dance | Music | Drawing

Language Proficiency

- English
- Hindi
- Malayalam

Address Coordinates

C7, 524, Kendriya Vihar Apts.,
Yelahanka, Bengaluru - 560064