



AVINASH S

ML Enthusiast

Roll no: BL.EN.U4CSE19010

Personal Dossier

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Indore, Madhya Pradesh

https://github.com/AvinashSubhash

Profile

Currently a 2-star in Codechef and 5-star python badge in Hackerrank. A young computer science enthusiast with areas of practical experience in machine learning, deep learning, database management, competitive programming and interest in cyber security

Skills:

- C++
- Python
- C - Language
- Data Structures
- SQL
- Git

Languages Spoken

- English
- Hindi
- Malayalam

Education:

- **B. Tech in Computer Science**
2019 - Present
Amrita School of Engineering, Bengaluru
Graduation Year - 2023
Current CGPA: 8.56
- **Class 12 CBSE**
2017-2018
Ryan International School, Indore
Percentage: 86%
- **Class 10 CBSE**
2015-2016
Ryan International School, Indore
CGPA: 10

Internships:

Acceleron Labs Ltd. Aug. 2021 - July 2022

- Student Intern in SDWAN (Software Defined WAN) Project

Projects:

Accent Recognition & Evaluation (<https://github.com/AvinashSubhash/Accent-Recognition-System>)

- Comparison of three different DL architectures for accent evaluation

Ship-Detection with Machine Learning (<https://github.com/AvinashSubhash/Airbus-ship-detection>)

- Detection of ships in areal images of oceans using Convolutional Neural Networks

Extra-Curricular Works

CSE Team Member, Team ROVER ASEB

March 2020 - April 2022

- Developed an object detection application for MARS ROVER prototype.
- Working with the team for developing a path detection feature for the rover.

Accomplishment:

Amrita Honeywell Hackathon

Feb 2021

- Worked with the team and developed a prototype on CCTV Surveillance Analysis system for detecting over speeding vehicles and came under top 10 from over 54 teams.

Volunteering:

Technical Team Member, Google Developer Student Club, ASEB

Sept 2020 - August 2022

- Conducted various workshops on introduction to Linux, basics on competitive programming, Virtual lab sessions on Tinker-CAD, Workshop series on TensorFlow in "Explore ML" Sessions with TensorFlow and Colab.

Certifications:

• **Neural networks and Deep Learning**

<https://coursera.org/share/3b9a3d830479a3d5d59c35f935883a64>

• **Improving Deep Neural Networks**

<https://coursera.org/share/36a4cf87a2ce48d61079c1a05bc4a640>