

Harshith Mohan Kumar

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EDUCATION

PES UNIVERSITY

BTECH IN COMPUTER SCIENCE
ENGINEERING

Aug 2019 | Bengaluru, KA
Cum. GPA: 7.81 / 10.0
Major GPA: 8.15/10.0

MONTA VISTA HIGH SCHOOL

Aug 2015 | Cupertino, CA
Cum. GPA: 3.80 / 4.0

SKILLS

PROGRAMMING

Over 5000 lines:

Python • Java • Javascript • C

Over 1000 lines:

C++ • CSS • Assembly

Familiar:

React • MongoDB • Flutter • Express

COURSEWORK

UNDERGRADUATE

Python Programming

C Programming

Data Structures and their Applications

Design and Analysis of Algorithms

Computer Networks

Operating Systems

SELF STUDY

Mathematics of Machine Learning

Introduction to Neural Networks

Building Recommender Systems with ML
NLP

Creating ChatBots using DialogFlow

Introduction to Machining and CNC
Processes

LINKS

Facebook:// Harshith Mohan Kumar

Github:// harsh188

LinkedIn:// harsh188

HackerRank:// Harsh188

EXPERIENCE

AEOLUS | TEAM MEMBER + CV ENGINEER

Sep 2019 - Present | Bengaluru, KA

- Working under the obstacle avoidance division.
- Using combinations of lidar and 3D cameras for simultaneous localization and mapping.
- Developing new insights for object detection on drones.

PESU IO | SUBJECT MATTER EXPERT

Feb 2021 - Apr 2021 | Bengaluru, KA

- Developed a four-week curriculum for the course covering the following concepts:
Linear Regression | Support Vector Machines | Neural Networks | K-means
- Recorded educational content for online classes.
- Taught offline classes for 50 students.

TENSORFLOW ADDONS | CONTRIBUTOR

Aug 2020 - Present | Bengaluru, KA

- Active member of the TFA community.
- Worked on maintaining and resolving several GitHub repository issues.
- Created several doc-string example code for new users.

ENROLE | SOFTWARE ENGINEERING INTERN

June 2020 - Sep 2014 | Boulder, CO

- Worked on developing ios/android apps using Flutter.
- Built and optimizing a recommender system using machine learning.
- Utilized industry-level tools like Google Cloud, Firebase, Scikit-Learn, to name a few.

PROJECTS + RESEARCH

CLASSIFICATION OF RECYCLABLE WASTE | PES UNIVERSITY

Aug 2020 - Dec 2020 | Bengaluru, KA

Worked with Zayd J to develop a custom neural network which was trained to recognize five different classes of recyclable waste based on their materialistic visual properties.

100 DAYS OF ML | 100 DAY ML CHALLENGE

Oct 2020 | Python

100 Day ML Challenge to learn and implement ML/DL concepts ranging from the basics to more advanced state of the art models.

RECOMMENDER-SYSTEM | BOOK RECOMMENDATION PROGRAM

Sep 2019 | Python

Created a program which recommends a list of books based on the input provided by implementing Scikit-Learn and Pandas.

AWARDS

2020	top 300/2000	Distinction Award Scholarship PESU CSE
2019	1 st /30	Distinction Award x3 PESU IO
2017	top 20/200	Purple and Gold Award Monta Vista High