

Keshav Kabra

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EDUCATION

BITS PILANI

B.E. IN ELECTRONICS AND
COMMUNICATION ENGG.

Minor in Data Science

Expected in Jun 2022 | Hyderabad, India
Current CGPA: 8.98 / 10

SRI KUMARAN CHILDREN'S HOME

CLASS 12 - CBSE

May 2018, 97.2% | Bengaluru, India

LINKS

Github:// [everlearner](#)

LinkedIn:// [keshavkabra](#)

COURSEWORK

UNDERGRADUATE

- Machine Learning
- Information Retrieval
- Reinforcement Learning
- Computer Architecture
- Computer Graphics
- Foundations of Data Science
- Computer Programming
(Teaching Assistant)

SKILLS

PROGRAMMING

Python • C++ • C • Javascript • Matlab

Familiar:

- GoLang • MySQL • C# • Node.js

TOOLS

Git • Tensorflow • Django • Blender

ACTIVITIES

- Avid Photography enthusiast
([500px.com/keshavkabra](#))
- Love playing Basketball and Badminton
- Volunteer for Art of Living Org.
- Open Source contribution

EXPERIENCE

MICRON TECHNOLOGY | SSD SOFTWARE INTERN

May 2021 - Jul 2021 | Hyderabad, India

- Worked on the SSD Firmware Validation team to automate Failure Analysis workflow using Python.
- Involved in working with large data logs and using NLP techniques to mine the required features.
- Integrated Auto Jira filing functionality and extracted data for failure prediction using Machine learning.
- Improved productivity by robust automation of first level Failure Analysis.

CSIR - CENTRAL ELECTRONICS ENGINEERING RESEARCH INSTITUTE | RESEARCH INTERN

May 2020 - Jun 2020 | Remote

- Developed a Deep Learning model to "Detect Anomalies in Videos" for industrial applications.
- Coding with Tensorflow and working with 3D CNN and GAN models.
- Techniques developed - incorporated by the institute for real-world applications.

PROJECTS

TWITTER DATA SENTIMENT ANALYSIS | NATURAL LANGUAGE PROCESSING

Jan 2021 - May 2021 | Code

- Built a Machine Learning model to classify hate speech from Twitter data.
- Used state-of-the-art Word Embedding and Classification techniques, under the guidance of **Dr. Lov Kumar** and achieved best accuracies.

LITERATURE SEARCH ENGINE | INFORMATION RETRIEVAL

Sept 2020 - Oct 2020 | Code

- Built a custom Search Engine for the **Project Gutenberg** database, to search for books and poetry.
- Project involved Vector Space Model, using Python, NLP techniques, and Flask.

INTERACTIVE PROGRAMMING APPLICATION | CREATIVE LEARNING

Jan 2018 - Mar 2018

- Using .NET framework, built an application for beginners to code in C++, without the hassle of syntax.
- Project provided functionality to juniors to simplify coding by drag and drop blocks.

AWARDS

BITS PILANI MERIT SCHOLARSHIP | JUNE 2019

- Awarded to the top 1-3% of the batch.

INTERNATIONAL INFORMATICS OLYMPIAD | MARCH 2016

Silverzone Foundation

- Awarded 2nd Rank at the National level, for this Computer Science Olympiad.