

Keerthana Srikanth

keerthanasrikanth05@gmail.com

EDUCATION

BITS PILANI

B.E IN COMPUTER SCIENCE
Expected May 2021 | Goa, India
CGPA: 9.53/10.0

GRADE XII, ISC

SCOTTISH HIGH INTERNATIONAL SCHOOL
Grad. March 2017 | Gurgaon, India
All India Second Rank
Best of Score: 397/400 (99.25%)

GRADE X, ICSE

SCOTTISH HIGH INTERNATIONAL SCHOOL
Grad. March 2015 | Gurgaon, India
Best of Score: 491/500 (98.2%)

LINKS

Personal Website: keerthanasrikanth.github.io
Github: [KeerthanaSrikanth](https://github.com/KeerthanaSrikanth)
LinkedIn: [keerthana-srikanth/](https://www.linkedin.com/in/keerthana-srikanth/)

COURSEWORK

ON-CAMPUS

• Data Structures and Algorithms • Database Systems • Discrete Structures in Computer Science • Object Oriented Programming • Logic in Computer Science • Probability and Statistics • Computer Programming • Intro To Python (CTE)

Teaching Assistant For:

• Intro to Python (QSTP)

ONLINE

• Divide and Conquer, Sorting and Searching, and Randomized Algorithms (Coursera- Stanford University) • Graph Search, Shortest Paths, and Data Structures (Coursera- Stanford University) • Machine Learning (Coursera- Stanford University)

SCHOLARSHIPS

2015-present NTSE Scholar
2017-19 BITS Pilani Goa Campus Merit Scholarship

SKILLS

PROGRAMMING

Over 3000 lines:

Java

Over 1000 lines:

C • Python • MySQL • C++

Familiar:

HTML5

PROJECTS

TEACHING ASSISTANT ALLOTMENT | PYTHON

September 2018 | Goa, India

Created a backend program that will allot Teaching Assistants to courses based on preferences given by students and teachers along with grades of the students.

GLMC | C

September 2018 | Goa, India

Creating a basic replacement for GLM using C. <https://github.com/KeerthanaSrikanth/glmc/tree/current>

2048 GAME | PYTHON AND PYGAME

December 2017 | Goa, India

Created a 2048 game using Python and Pygame. <https://github.com/KeerthanaSrikanth/Mini-Project-2048>

RESEARCH

GRAPHS AND NETWORKS IN BIOLOGY | MACHINE LEARNING

Jan 2019 – Present | BITS Pilani, Goa, India

Worked with Shruti Sridhar and under Dr. Sukanta Mondal to study and predict interactions of drugs and targets using network theory and supervised machine learning.

EXPERIENCE

CSIR- CEERI PILANI | SUMMER INTERN

May 2019 – Present | Pilani, India

Worked on Driver Drowsiness Detection based on Eye State using Deep Learning with Ganeshan Malhotra under Mr. Sumeet Saurav and Dr. Sanjay Singh.

CODESS | MICROSOFT

May 2019 – Present | Goa, India

One of 230 female students selected from reputed colleges across India for training and mentoring by senior Microsoft engineers

MICROSOFT | STUDENT AMBASSADOR FOR SCOTTISH HIGH INTERNATIONAL SCHOOL

September 2015- August 2016 | Gurgaon, India

Created and publicized a monthly Digital Newsletter using Microsoft Sway.

LANGUAGES

NATIVE/BILINGUAL FLUENCY

English • Hindi

INTERMEDIATE FLUENCY

Kannada • Tamil