Raghav **Prasad**

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Education

BITS-Pilani (Birla Institute of Technology and Science) *Goa, India*

B.E. in Computer Science and Engineering *August 2017 - PRESENT*

- CGPA: 9.44/10.00
- Awarded Merit Scholarships in first 3 semesters of college. Awarded to top 1% students

The Cathedral and John Connon School *Mumbai, India*

XII, Indian School Certificate *Apr 2014 - May 2016*

- Marks obtained: 463/500 (92.6%)
- Was awarded 2 positions of leadership: House Monitor and Cricket Captain

Projects

Various programming and development projects

- Arbitrage Model
- Economic data analysis using Python
- Sentiment Analysis using NLP
- DoJMA for iOS
- Interpolator app for iOS

Experience

National University of Singapore *Singapore*

Academic Intern *2nd Jun 2018 - 23rd Jun 2018*

- Used various deep learning algorithms and models to solve a sentiment analysis problem
- Proposed idea for a data mining and processing task with potential applications in various industrial sectors

London International Youth Science Forum *Imperial College, London, UK*

Participant *Jul 2015*

- Attended and participated in a 2 week long international symposium with over 470 participants from 65 different countries

Sakura Science Programme *Kyoto, Osaka and Tokyo, Japan*

Participant *May 2015*

- Participated in a week-long exchange programme, hosted by JICA

Homi Bhabha Centre for Science Education *Mumbai, India*

Software Development Project Intern *May 2019*

- Software development project on developing plugins for the platform, STEM GAMES

Centre for Technical Education *BITS Goa*

Instructor *Feb - Apr 2019*

- Instructor in-charge for the course Introduction to Linux
- Mentored close to 30 students

Quark Summer Technical Project *BITS Goa*

Teaching Assistant *May - Jul 2018*

- Teaching assistant for the course Introduction to Python

Extracurricular Activity

Mobile Application Club
BITS, Goa

CORE MEMBER & iOS DEVELOPER
Aug. 2017 - PRESENT

- Worked on a couple of apps and projects.
- Independently developed a simple iOS interpolator app.
- Developed an app for the college Department of Journalism and Media Affairs

Peer Mentorship Program
BITS, Goa

STUDENT MENTOR
Starting Aug, 2018

- Acted as a mentor and advisor for freshman students in matters of academics, college life, etc.

Courses and workshops

On-Campus

- Computer Programming
- Probability and Statistics
- Mathematics-I (Calculus)
- Mathematics-II (Algebra)
- Nettech 2017
- Introduction to Python (CTE 2017)

Skills

Computer Science and Programming

LANGUAGES (IN DESCENDING ORDER OF EXPERTISE AND EXPERIENCE)

- Python
- C
- Swift (iOS App Development)
- Java
- Machine Learning and Deep Learning
- Basic Hadoop
- Linux