Vinayak Aggarwal
Undergraduate Computer Scientist

Last Updated: 7th May '19

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Goa, India 📍

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EDUCATION

B.E. Computer Science
BITS Pilani, Goa Campus

07/2017 – Present   *CGPA-8.5/10*

Courses

- Computer Programming
- Discrete Structure Of Computer Science
- Data Structures & Algorithm's
- Intro to Python (QSTP)
- Probability and Statistics
- Object Oriented Programming
- Database Management Systems

Higher Secondary Education, CBSE
Sacred Heart Sen. Sec. School,Ludiana

04/2015 – 03/2017   *Score: 456/500 (91.2%)*

Secondary Education, CBSE
Sacred Heart Sen. Sec. School,Ludiana

04/2005 – 03/2015   *CGPA - 9.4*

Online Courses
Coursera/Udacity/Edx/Stanford

Courses

- Introduction to Machine Learning- Stanford
- Deep Learning & Neural Networks- Coursera
- Intro to Machine Learning-Udacity(Ud-120)
- Convulational Neural Networks - Coursera

PERSONAL PROJECTS

Space-Invaders (June '18) ⧉
- Created a python implementation of popular Atari Arcade game Space-Invader

Developed a Academic Resource Management System for the Minor Degree students (Jan'19-May'19)
- Made a software to manage the status of completion of Degree of students pursing Minor Degree's
- Also created a system to automatically allot Discipline electives according to there preference and eligibility for the courses

Spam Email Classifier

Recognition & Analysis of Promoter and Non-Prom. group in DNA sequences using CNN & other classifiers

WORK EXPERIENCE

Core Software Team
Academic Undergraduate Studies Division

01/2019 – Present
BITS Pilani, Goa Campus

Core Member
Department of Backstage & Infrastructure

08/2017 – 04/2019   *Goa,India*

SKILLS

Python | C | C++ | Sql | Machine Learning | Java

Deep Learning | Bash | Git | Algorithm's

Object Oriented Prog. | AutoCAD

ACHIEVEMENTS

Microsoft CodeFundo++ (2018)
Runner's Up

FlipKart Grid Challenge (ML Challenge) (2019)
Qualified for Level 3

BITSAT (2017)
Score: 387/450

JEE Advanced 2017
AIR: 2031 (Gen.) Score: 244/366

National Standard Examination in Physics (IAPT)
Top 1% in State

ORGANISATIONS

GNOME (Open Source) (06/2018 – Present) ⧉
Contributed to gnome-maps and working on gnome-music

CERTIFICATES

SOF National Science Olympiad (Feb '17)
1st position in State

SOF International Mathematics Olymiad (Feb '17)
3rd position in State

SOF International Mathematics Olymiad (Feb '16)
2nd position in State

LANGUAGES

English ●●●●○

Hindi   ●●●●○

Punjabi ●●●○○

INTERESTS

Competitive Coding | Open Source Development

Reading