

Arshdeep Singh

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EDUCATION

BITS PILANI, KK BIRLA GOA CAMPUS

B.E. IN COMPUTER SCIENCE

Expected May 2021 | Goa, India

Events Coordinator, BITS Festival Committee
Technical Core, Dept. of Backstage and
Infrastructure

Member, AlgomaniX(Coding Club)

Cum. GPA: 8.67 / 10.0

BCM ARYA MODEL SR. SEC. SCHOOL

NON-MEDICAL

Grad. March 2017 | Ludhiana, India

Secretary of School's Programming Club

Member of Student Association

Participated in various city level programming, quiz
and sports competition

Percentage: 93.2%

TAGORE INTERNATIONAL SR. SEC. SCHOOL

MATRICULATION

Grad. March 2015 | Sahnewal, India

Won Academic Excellence Award for consecutive 4
years of my study here

Student Body President for 2 years

Founder of Maths Club

Participated in various City and State level

Presentation, Maths, Science and Public Speaking

Participated in Sports(BasketBall, HandBall,
VolleyBall) Competition

CGPA: 10 / 10

LINKS

Github:// [iamarshsingh](#)

LinkedIn:// [iamarshdeepsingh](#)

Twitter:// [@arsh_official](#)

Facebook:// [sahibs99](#)

SKILLS

PROGRAMMING

Over 5000 lines:

Python • Java • C++ • MySQL

Over 1000 lines:

C • Git and Github • HTML • CSS • PyTorch

Familiar:

Sklearn • Algorithms • Data Analysis

• Swing • Numpy • Networking

PROJECTS

DEEP LEARNING | BENCHMARKING FASHION MNIST DATASET USING DL ALGORITHMS AND PYTORCH

June 2018 - PRESENT

- Using different Neural Networks such as CNN, FNN, RNN and LSTM in PyTorch benchmarked FashionMNIST dataset.

SPACE INVADERS | ARCADE BLOCKBUSTER SPACE INVADERS GAME WRITTEN IN PYTHON USING PYGAME

Nov 2015 - Feb 2016

- Made a Python based PC game inspired from Arcade Blockbuster Space-Invaders using Pygame

VEDA-THE-DEVA | ONLINE PORTAL FOR VEDIC ARTS

Nov 2015 - Feb 2016

- Veda the Deva is an online portal to offer worldwide education in Vedic mathematics and the power of yoga and meditation for combatting stress. It will connect scholars around the world and provide interaction with mentors.
- Participated in UTS International IT Competition 2015/16 and achieved 3rd rank all over India.

KBC GAME | JAVA SWING BASED DIGITAL KON BANEGA CROREPATI GAME

Nov 2015 - Feb 2016

- Made using Java and Swing, Computer Game replica of All India Famous KBC along with features such as Cheque Signed by Amitabh Bachan and various other Fun Elements.

COURSEWORK

UNDERGRADUATE AND SCHOOL

- Computer Programming(Grade: A)
- Linear Algebra and Complex Analysis(Grade:A Course Topper)
- Multivariable Calculus(Grade: A-)
- Probability and Statistics(Grade: B)
- Informative Practices(Marks: 98/100)
- Python-QSTP(Excellence)
- Image Recognition-QSTP(Excellence)
- 180DC Summer Training (Best Content Submissions)
- Computer Network Management(NetTech)

ONLINE

- Machine Learning (Coursera)
- Image Recognition in Deep Learning (Udemy)
- Git and Github (Udacity)

ACHIEVEMENTS

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|-------------|---|
| April 2018 | Selected as Events Coordinator at BITS Festival Committee |
| Jan 2018 | Awarded MCN Scholarship for Academic Excellency |
| May 2017 | Got AIR 5718 in JEE Mains |
| May 2017 | Got 375/450 in BITSAT |
| Sept 2015 | Selected as Secretary of School's Programming Club |
| Sept 2014 | Selected as the Student Body President for Junior Section |
| Jan 2012-15 | Awarded as the Student of the Year for 4 years |
| Jan 2012-15 | Awarded the Academic Excellence Award for 4 years |