

TANIYA GUPTA

Bachelor of Technology (B. TECH),
Electronics and Communication Engineering (ECE)
Graduate Student
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A Web developer and programmer skilled in programming languages like C++, Java & SQL. A student having great interest in computer science, who is eager to learn new concepts of programming languages & technologies. I like developing & deploying websites.

Professional Experience

• Collaborator, Open Projects Lab | Feb' 2019 – Apr' 2019

Open Project lab is a platform which help students, educators, professionals collaborate and learn together while doing hands-on on some real-life problems or problems of their interest. I worked on initial development of platform.

• University Evangelist, HackerEarth | Oct' 2018 – March' 2019

I worked to introduce new & experienced programmers to HackerEarth Platform. I have conducted programming challenges, Hackathons on the HackerEarth platform. I worked on testing & moderating different programming contests & Hackathons.

• Summer Intern, National Thermal Power Corporation | Jun' 2018 – July' 2018

I learnt about the automation of various Units of thermal plant, how the complete process can be controlled and automated using DAS (Digital Acquisition System) and SCADA. Also studied role of DCS (Data Control Systems) in automating power plants. I worked on designing of automated system using Ladder Diagram and C language.

Education

• Bharati Vidyapeeth's College of Engineering, New Delhi | Guru Gobind Singh

Indraprastha University, New Delhi | 2016 -2020 |

Bachelor of Technology | Electronics & Communication Engineering | **8.22 CGPA** (up to the latest result).

• Sir Abraham Lincoln Embark Garrison Senior Secondary School, Jammu | 2016 |

Intermediate | Physics, Chemistry, Mathematics (PCM) + Computer Science | **87.4 % aggregate** | JKBOSE

• Fatima convent High School, Jammu | 2014 |

Matriculation | Science, English | **86.4% aggregate** | JKBOSE

Projects (Self-Projects)

• BVP HEC Website

Website designed for programming club of the college. Website @ (*hackerearthclub.github.io*)

• CricView

This project aims to give the user a personal viewing experience of the places where human intervention is not feasible at given time or of the places that are comparatively difficult to reach by humans.

• PyTorch Challenge

It contains various neural networks implemented using PyTorch. It includes Convolutional and recurrent neural networks (CNN & RNN). It also includes style transfer of images. This has been done under Facebook Udacity scholarship challenge course.

• Hotel Management and Bookings

Records of booking of hotels by costumer maintained using C++. Display record of rooms booked and available.

Car-Auction-Network (Blockchain Project)

A car auction network blockchain project created in Hyperledger.

My College App

Attendance app for college students created during Hacktivate (hackathon organized by BVPIEEE)

Bloggiee

A DJANGO based web app created for blogging.

Website

A static and interactive website made using HTML, CSS, JAVASCRIPT & JQUERY

My Twitter

An app like twitter created using meteor framework

Achievements

Recipient | Facebook Developer Circles Scholarship Training Programme 2019

I have been amongst the top 235 final selected recipients of Developer Circles Training Courses for Data Camp for Data Science Track by Facebook Developer Circles from across the globe.

Scholar | Facebook PyTorch Udacity Scholarship Challenge 2018

I have been selected as one of the recipients of Udacity PyTorch challenge course from Facebook

Finalist | DISQvery 2018 | Digital Impact Square - Tata Consultancy Services

I have been amongst the **top 10 percentile** candidates from across India for final round of DISQvery 2018

Prime Minister's Scholarship Scheme

Awarded scholarship by Ministry of Human Resources and Development (MHRD), Govt. of India under JKPMSSS through AICTE (All India Council for Technical Education) for pursuing Bachelor of Technology in Electronics & Communication.

Selected for Facebook's F8 conference at San Jose, CA

Technical Skills

Languages

Python, Java, C, C++

Data Structures & Algorithms

Machine Learning

Neural Networks -: Convolutional and Recurrent
Neural networks (CNN, RNN), PyTorch, Style
Transfer

Frontend & Backend Web development

HTML, CSS, JavaScript

Frameworks

Django, Meteor
Android Studio

Technologies

Blockchain (Basic), Git & Git Hub.

Operating Systems

Windows, Linux Ubuntu

Databases

MySQL

Graphics Editor

Photoshop (Basic)

Simulation Software's

PSpice, Xilinx ISE, MATLAB(Basic)

Other Tools

MS-Office, Libre Office, VHDL Language (Basic)

General Skills

Interpersonal Skills

Communication, Team Leadership,
Time Management, Public Speaking.

Languages - Hindi, English

Other skills

Verbal Reasoning, Analytical Reasoning,
Quantitative Analysis, Integrated Reasoning, Ability
to deal with people diplomatically

Community Involvement and Activities

- **Community Influencer, Facebook Developer Circle: Delhi-NCR** |Feb' 19 – May' 19|
My work was to keep community members updated with various technological interventions in the computing field.
- **President, BVP HackerEarth Club** |Sep' 18 – May' 19|
I funded BVP HackerEarth Club with help of volunteers to increase participation of college students in Competitive programming contests, hackathons and to promote open source contribution.
- **Publicity Head, Entrepreneurship Development Cell, BVCOE** |Sep' 18 – May' 19|
I was responsible for promoting all the entrepreneurial, cultural and technical events of the cell.
- **Student Member, Entrepreneurship Development Cell, BVCOE** |Oct' 17 – May' 19|
During this, I was engaged in management activities like organizing talk on financial stock market, IPR workshop etc.
- **Volunteer, Leaders for Tomorrow** |Jul' 17 – Apr'18|
I worked as volunteer in LFT for social action and actively participated in organizing awareness programmes and social action events.
- **Member, Mozilla Campus Club, BVCOE** |Aug' 17 – Feb'19|
During this, I was engaged in open source learning and contribution.
- **Web Administrative Executive, BVPIEEE** |Jul' 17 – Aug'17|
I have worked as web developer in CS subchapter of BVPIEEE for 2 months.
- **Campus Ambassador SYNERGY'17, DTU** |Dec' 16 – Feb'17|
I worked as student representative of SYNERGY'17, annual technical fest of Delhi Technological University in my college.
- **Student Member, Developer Student Clubs (DSC), BVCOE** | Aug' 16 – May'18|
I have been a member of DSC in which students are encouraged towards technical stuff and development.
- **Volunteer, NSS** |Aug' 16 – May'18|
I worked as volunteer in NSS as a part of college curriculum for Training and Placement Cell.

References

- **Dr. Kirti Gupta**
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