

Priyanshi Gupta

Software Development Intern

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 - LinkedIn  - GitHub  - Website

Hackerrank - //priyanshi_1709 **LeetCode** - //Priyanshi1709

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EDUCATION

2018- 2022 **B-Tech Computer Science**, Guru Gobind Singh Indraprastha University, Delhi (Bharati Vidyapeeth's College of Engineering), **Cummulative GPA** : 7.8/10 ; **Major GPA** : 8.1/10 .

Related Coursework: Data Structures, OOPS, DBMS, Java Programming, Software Engineering, Algorithm Design & Analysis, C Fundamentals

2019 **Data Science, Summer School**, University of Warwick, London, United Kingdom, **GPA** : 10.0/10.0.

Related Coursework: Case Study Analytics, Data Visualisation, Data Manipulation, Statistics, R Programming, Regression, Classification, Clustering

TECHNICAL SKILLS

Languages: C/C++, Java, , **Python**, R, Octave, Git, LaTeX

Databases: Excel, MySQL

Web-Dev: HTML, CSS/SCSS, Bootstrap, JavaScript

Scraping: Selenium, BeautifulSoup, Requests API

ML: Numpy, Pandas, Matplotlib, Seaborn

AI: Scikit-Learn, NLTK, Tensorflow, Pytorch

OS: Linux(Ubuntu), Windows

AWS: SageMaker, S3

PROFESSIONAL EXPERIENCE

ENACTUS BVCOE, Delhi, India.

Jul 2020 - **Tech Lead** .

- Present
 - Supervising on the feasibility and implementation of new **tech for social entrepreneurship** projects
 - Working on an E-commerce website and an app for a global Enactus community
 - Building an app to sell the hydroponic crops produced by landless farmers

GRROOM, IIT Bombay, India.

Jul 2020 - **Software Intern** (Machine Learning).

- Oct 2020
 - Worked on the machine learning team of an IIT Bombay based fashion-tech **startup** to build the **World's first AI for fashion styling**
 - Supervised & solved problems** in building the company's dataset using web-images scraping
 - Performed comparative analysis between human predicted and AI predicted images to find the accuracy of the ML model using Yolov5 & VGG16

PUBLICATIONS

Book Chapters

2021(TBP) "American Checkers Game using Game Thoery and Artificial Intelligent Algorithms". **ACCEPTED** for inclusion in "Deep Learning in Gaming and Animations: Principles & Applications" | | **CRC Press, Taylor & Francis Group, USA**

Priyanshi Gupta, Vivida Rawat, Preeti Nagrath

Journal Articles

2021(TBP) VCR-BERT: Cognitive AI as a solution for Visual Commonsense Reasoning". **UNDER REVIEW**

Priyanshi Gupta, Jishnu Bhardwaj, Shubhi Jain, Pranjal Kaushik, Narina Thakur

Conference Proceedings

2020 An Empirical Research and Comprehensive Analysis of Stock Market Prediction using Machine Learning and Deep Learning Techniques. **PRESENTED** at 1st International Conference on Computational Research and Data Analytics, ICCRDA | | Turkey | | **SCOPUS**

Aryendra Singh, **Priyanshi Gupta**, Narina Thakur

PROJECTS

INTENT BERT

- Tech Stack : **Python**, Google Colab, **Intent Recognition**, Tensorflow, **Pytorch**, Keras
- A classifier built using BERT language model to get the intent behind a phrase said by a person
- Achieved model testing accuracy of 97.4%

CHECKERS-AI

- Tech Stack : **JavaScript**, Game Theory, HTML/CSS, VSCode
- A website to play American Checkers Game with an interactive GUI with an AI
- Implemented using a **Mini-Max Search Tree with Alpha-Beta Pruning** algorithm
- Currently working on a Deep Learning Approach in Python for the AI

HUNGRY-BIRD

- Tech Stack : **Python**, ROS, VRep
- 5th Place submission for E-Yantra Nationals 2019 in Hungry Bird track: **Autonomous Drone Control** via. Whycon Markers

COMMUNITY & LEADERSHIP

[HARVARD-HPAIR 2021](#), Maschechusettes, USA.

Jan 2021 **Gold Tier Delegate** .

- Chosen as a delegate for Harvard College Project for Asian and International Relations-"Embracing Change-Thriving in Innovation"

[ENACTUS BVCOE](#), Delhi, India.

Jul 2020 - **Joint Secretary**.

- Managing and overseeing the workflow of the organisation
- Represent projects at competitions and Enactus Nationals

Aug 2019 - **Creativity and Innovation Head**.

- **Mentoring and managing** the creative work and team
- Worked on a project tackling the problems faced by landless farmers by supplying them with a hydroponic setup.
- Spread awareness about menstrual hygiene and installed vending machines in the communities.

[NATIONAL SERVICE SCHEME BVP](#), Delhi, India.

Aug 2018 - **Student Volunteer**.

- Visited government aided schools to make students aware of the importance of clean drinking water and sanitation

[VIVEL JOSH TALKS BVP](#), Delhi, India.

Aug 2018 - **Event Organiser**.

- Organised an event powered by Vivel where Soumya Singhal was invited to make the new generation aware about gender unbiases, divorce alimony and much more.

HONORS & ACHIEVEMENTS

Jan 2021 **Accepted**, *Harvard Women Engineers Tech Conference (WECode'21)* , [Harvard WECode](#).

Dec 2020 **Accepted**, *Harvard College Project for Asian and International Relations (HPAIR'21)* , [Harvard HPAIR](#).

Dec 2020 **Winner**, *Hult Prize Project Presentation Competition BVCOE* , [HULT PRIZE](#).

Nov 2020 **4 Star Badge**, *Problem Solving*, [Hackerrank](#).

Mar 2020 **Finalist (Top-5)**, *FinTech Case Challenge*, [E-Cell IIT Roorkee](#).

Mar 2020 **Semi-Finalist**, *E-Yantra Nationals*, [MHRD](#), [IIT Bombay](#).

Mar 2019 **Rank-5**, *E-Yantra Nationals*, [MHRD](#), [IIT Bombay](#).

Mar 2019 **Winner**, *Pitch-O-MAnia*, [E-Cell ARSD](#), [D.U.](#)

Mar 2019 **Runner's Up**, *Case Study Challenge*, [E-Cell IIT Roorkee](#).

Oct 2019 **Bronze Medalist - Basketball**, *Inter-IP*, [GGSIPU](#).

Feb 2019 **Gold Medalist - Football**, *Inter-IP*, [GGSIPU](#).

Oct 2018 **Gold Medalist - Lawn Tennis**, *Inter-IP*, [GGSIPU](#).

Oct 2018 **Silver Medalist - Basketball**, *Inter-IP*, [GGSIPU](#).

2016 **Senior Diploma - Painting and Fine Arts**, [Rekhakriti](#).