M. Vineeth

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Education

Bennett University   Greater Noida, Uttar Pradesh
B.Tech Computer Science and Engineering | CGPA: 9.74   *July 2018 – Expected May 2022*

Experience

Internity Foundation   Remote
Machine Learning Intern   *May 2020 – July 2020*
- Collaborated with a team of 4 to build a Face Recognition System for Crime Detection and devised a mechanism to track the probable route undertaken by the suspect.

NVIDIA   Greater Noida
Research and Development Intern   *December 2019 – February 2020*
- Worked in collaboration via leadingindia.ai for Deep Learning based model compression and optimization for a duration of 3 months. Developed custom plug-in for ISRLU activation function. Reduced inference time by 3x. Won second prize in NVIDIA TensorRT Bootcamp.

TechnipFMC   Noida
SDE Intern   *May 2019 – July 2019*
- Developed Construction Project Report Software for the Process Department which automated details gathering tasks for procurement, purchase, and production of equipments using ASP.NET, C-Sharp and MySQL.

Projects

InfoGeeks [HPC, Python, multiprocessing, Flask, HTML/CSS, Javascript]   *April 2021 - May 2021*
- Developed a Search Query Information Accumulator using High Performance Computing.
- Established a comparative study between serial and parallel implementation.

Crime Detection and Surveillance [Python, Tkinter, Tensorflow, OpenCV]   *May 2020 - June 2020*
- Developed a software using OpenCV, Machine Learning and Deep Learning Models to build a Face Recognition Software to detect criminals in images and videos, noting their time of occurrences.
- Won first prize in Create-A-Thon 2020.

Knowledge Management Portal [HTML, CSS, Bootstrap, Javascript]   *February 2020- July 2020*
- Built a Web-App for seamless approval of Airport Licensing using Blockchain for Airport Authority of India.
- Selected for Smart India Hackathon 2020 [Software Edition] Grand Finale.

Smart Counselling Bot [Python, Tensorflow, CNN, NLP]   *August 2019 - December 2019*
- Developed an interface for detecting the psychological state of a person using a powerful combination of audio, video and textual analysis powered by Machine Learning and Deep Learning models.
- Built a CNN model for Facial Emotion Recognition to decrease the bandwidth usage during video streaming.

Relevant Skills

Languages:	C++	Python	Java	SQL	HTML/CSS	MATLAB
Frameworks:	Tensorflow	Scikit-learn	Flask
Technical Skills:	Data Structures and Algorithms	Cloud Computing	Machine Learning	Deep Learning
Other Skills:	Technical Content Writing	Problem Solving	Public Speaking	Mentorship	Versatility

Awards and Achievements

Hackathons:	SIH 2020 Finalist	Create-A-Thon 2020 Winner	Tech4Heritage 2nd Runners Up
Academics:	University First with 3x 10/10 SGPA	Gold Medal for Academic Excellence in Senior High School
Certifications:	**Microsoft AZ900**	**Microsoft AI900**	**Microsoft DP900**	**Deep Learning Specialization**
Profile Handles:	**GitHub**	**GFG**	**LeetCode**	**InterviewBit**	**CodeChef**	**Hashnode**	**Medium**	**Badges**

Volunteer Experience

President, CSI Student Chapter	Led a team of 21, organized various events in our university.
Country Manager, Script Foundation	Led a team of 100+, organized technical events for upskilling students.
Open-Source Mentor	Mentored 1000+ students in 5+ International Hackathons.
Teaching Assistant, AI/ML Course	Designed Lab Assignments and took live sessions to clear doubts.