M.Vineeth

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# Education

**Bennett University** Greater Noida, Uttar Pradesh

*B.Tech Computer Science and Engineering | CGPA: 9.73 July 2018 – Expected May 2022*

# Experience

**ZS Associates** Remote

*Business Technology Solutions Associate Intern July 2021 – present*

* Working in the Data Management and Reporting team for a pharma client which is a pioneer in neuroscience.

**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**](https://www.nvidia.com/en-in/)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**](https://www.technipfmc.com/)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**](https://github.com/vineethm1627/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**](https://github.com/InternityFoundation/Perceptron_3038)[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**](https://github.com/mbcse/SIH2020)[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**](https://github.com/mbcse/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 and Tools:** C++ *|* Python *|* Java *|* SQL *|* Oracle *|* Snowflake *|* Tableau

**Technical Skills:** Data Structures and Algorithms *|* Machine Learning *|* Deep Learning *|* Cloud Computing

**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

**Profile Handles:** [**GitHub**](https://github.com/vineethm1627)*|* [**Hashnode**](https://vineethm.hashnode.dev/)*|* [**Medium**](https://vinscoder1627.medium.com/)*|* [**Certification Badges**](https://www.credly.com/users/vineeth-m.c1432dd5)*|* [**All Handles**](https://linktr.ee/vineethm1627)

# 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.