

M.VINEETH

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EDUCATION

Bennett University

B.Tech Computer Science and Engineering | CGPA: 9.73

Greater Noida, Uttar Pradesh

July 2018 – Expected May 2022

EXPERIENCE

Internity Foundation

Machine Learning Intern

Remote

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

Research and Development Intern

Greater Noida

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

SDE Intern

Noida

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

Frameworks:

Tensorflow | Scikit-learn | Flask

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

Certifications:

Microsoft AZ900 | Microsoft AI900 | Microsoft DP900 | Deep Learning Specialization

Profile Handles:

GitHub | Hashnode | Medium | Certification 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.