



Vineel Tummala

Master of Science
in Computer Science
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SUMMARY

As a computer science student, I am eager to work on projects that will allow me to develop my technical skills and gain industrial experience in the field. In addition, I have experience working with databases, web development frameworks, and agile project management practices. I am a quick learner and have strong attention to detail, and am confident that I can contribute to any team working on technical projects.

EDUCATION

Degree	University	CGPA/Percentage	Year
M.S CS	Miami University, Ohio, USA	3.56	2022-Present
B.Tech CSE	GITAM University, Visakhapatnam, India	8.44/10.0	2018-2022

EXPERIENCE

- **Phoenix Global Private Limited** June 2021 - July 2021
Data science Intern
– Identified valuable data sources and automated the collection processes.
– Presented information using data visualization techniques. Hyderabad, India
- **Computer Society of India** 2020-2022
Head of Logistics Visakhapatnam, India
– Responsible for managing logistics team
– Responsible for fundraising to support various educational activities, events, and programs
- **Computer Society of India** 2020-2022
Head of Social Media Marketing Visakhapatnam, India
– Responsible for increasing page reach by 75%
– Created promotional videos for events

PROJECTS

- **Data Management System** Mar 2020 - Apr 2020
Database Management Systems
– Developed and implemented a data storage and retrieval system that was used to keep track of all existing employee details; enabling the feature to add a new employee to the database
- **Virtual Reality Environment** January 2022 - March 2022
Virtual reality
– Developed and implemented several virtual reality environments including an escape room game using unity and deployed them in oculus go VR headset also created a meditation environment for people who wanted a place to meditate for better mental health.
- **Process Management System** Mar 2021 - Apr 2021
Java & SQL Github
– Developed and implemented an application to keep track of essential business functions including accounting, production, sales, and purchasing.

TECHNICAL SKILLS

- **Programming Languages:** C/C++, Python, R, Javascript, Java, SQL, C#, Prolog, Scheme, Answer Set Programming.
- **Tools and Frameworks:** Jupyter, Visual Studio, Git/GitHub, & Unity.
- **Operating Systems:** Windows, Linux & Android

KEY COURSES TAKEN

- **CSE & Maths:** Data Structures and Algorithms, Computer Organization & Architecture, Python Programming, Operating System, Database Management System, Statistical Methods, Discrete Mathematics, Numerical Methods, Computer Networks & Security, Software Engineering, Compiler Design, Computer Graphics & Multimedia, Computer Vision, Game Engin Design
- **Others:** Basic Electronics & Electrical Engineering, Engineering Drawing, Digital Electronics, Principle of Engineering Economics and Management, Graduate research

PUBLICATIONS

- Automatic Detection of Social Distance Violation from Real Time Web Camera Using Open CV with Deep Learning. 2021. Gadu S, Kuchimanchi SVS, Nirupam Y, Akhil P, Poorna C, Sala L, Tummala V, Vanaparthi BS, Mantri R, Para MC., Design Engineering. Vol 2021(8), 11297-11307.
- Vineel Sai Krishna Tummala, Nallamilli V Sangeeth Reddy, Bandaru Mahesh Gupta, Rohan Kumar Sahukar, and Srinivasa Rao Giduturi. Virtual reality based solution for training medical students.