

Ashmika Ajay Gupte

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WORK EXPERIENCE

Bitglaze Technologies Pvt Ltd. – *Project Intern (Dec 2021 till date)*

- Creating a collaborative MLOps platform
- Writing SDK for the same

Barclays – *BA3 Intern (June 2022 to July 2022)*

- Created a GUI Interface to monitor various servers in Avaloq interfaces to manage the delivery support.
- The GUI has prestored valid message requests which can confirm a success or failure response to show whether the server is up or not.

CSKA Automation – *VR Development Intern (Jan 2022 to Apr 2021)*

- Creating a metaverse school with various mini game and activities in it
- Worked to create a virtual reality environment
- Using Unreal software to create functionalities for the same
- Creating and working with Virtual Avatars(Metahumans)

Women in Data Science – *Data Scientist (May 2021 to Jan 2022)*

- Web scraped data using webscraper.io, beautiful soup and image scraping tools
- Analyzed the data to get some insights
- Applied NLP concepts on the data (Data Preprocessing, Topic Modeling)
- Plotted the data using Tableau and PowerBI

EDUCATION

Bachelor of Engineering (B.E.) (Information Technology) 9.67/10 CGPA(upto Sem 4) (2019 – 2023)

Pune Institute of Computer Technology, Savitribai Phule Pune University, India

ACADEMIC PROJECTS

Helmet and Number Detector (Jan- Mar 2021)

- The prototype scans a video and finds bike riders that are not wearing a helmet and stores their number plate.
- The helmet is detected using Object Detection and the number is captured using PyTesseract OCR.

Russia-Ukraine Conflict Tweets Sentiment Analysis (Feb- Mar 2022)

- Performed EDA on the twitter data.
- Performed pre-processing and cleaning operations on data and applied sentiment analysis
- The sentiments were plotted on a world map using python libraries

MetaUniversity (Jan- Apr 2022)

- Creating a school in Metaverse using Unreal Engine
- Added virtual avatars (MetaHumans) to interact with the environment

SKILLS

Python (NumPy, Pandas, Matplotlib, Seaborn), C++, Java, Data Science Machine Learning, Deep Learning, Computer Vision, AI, NLP, Virtual Reality, Unreal Engine, Unity 3D, Blender3d, HTML, CSS, Bootstrap, Angular, MySQL, Tableau, PowerBI, Github

EXTRACURRICULAR INVOLVEMENTS

- Member of the ACM chapter of college (2019-2022)
- Member of the CSI chapter of college (2019-2022)
- Member of the Robotics Club (2019-2020)
- Member of Art Circle, the cultural club of the college (2019-2022) and participated in the inter college drama competition as a part of the onstage dance team (2020)
- Co Heading the dance team of college (2022-present)