

ANANNYA CHAMAT

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EDUCATION

The University of Texas at Arlington | Arlington, Texas

May 2026

Master of Science in Information Systems

GPA - 3.33

- Relevant Coursework: Advanced Methods for Analytics, Project Management, Data Warehouse & Business Intelligence, Python Programming.

University of Mumbai | Mumbai, Maharashtra

June 2024

Bachelor of Engineering in Information Technology

GPA - 8.41

- Relevant Coursework: Database Management Systems, Software Engineering, Agile Methodology, AI & Data Science, Blockchain Technology, Big Data Analytics.

Sri Viswasanthi E. M. School (CBSE) | Vijayawada, Andhra Pradesh

April 2020

Higher Secondary Certificate (Science)

Percentage - 93.8%

EXPERIENCE

Aryabhata Research Institute of Observational Sciences (ARIES) | Nainital, Uttarakhand

June 2023 - August 2023

Data Analyst Intern (SRF' 23)

- Conducted workflow optimization through stakeholder interviews and process mapping, increasing operational efficiency by 15%.
- Designed and implemented KPI dashboards using Python and SQL for real-time monitoring and authored process documentation to align cross-team workflows.
- Developed maintenance tracking frameworks, leveraging data visualization to reduce downtime by 20%.

TeleNetworks Pvt. Ltd. | Mumbai, India

January 2022 - February 2022

Cyber Security Intern

- Analyzed over 200 online transactions to identify patterns of potential security risks.
- Collaborated with teams to recommend solutions that reduced cybersecurity vulnerabilities by 10%.

SELECTED PROJECTS

Inventory Management Tool for Forever 21 | Python, pandas, scikit-learn, Power BI

November 2024

- Created a real-time inventory monitoring tool, reducing stockouts by 25% and optimizing turnover rates.
- Applied predictive analytics to historical sales data, achieving a 30% improvement in restocking accuracy.
- Designed interactive dashboards to visualize trends, aiding stakeholders in inventory decision-making.

Text Skimmer | Streamlit, Python, NLP, Agile Framework

September 2023

- Developed an NLP-based web app for automated PDF summarization, accelerating document processing efficiency by 30%.
- Enhanced content extraction accuracy using advanced NLP libraries, ensuring a 90% success rate.
- Processed over 100 PDFs daily with a user-focused interface to support higher user satisfaction.

Risk Assessment Dashboard for Suicide Prediction | Python, Streamlit, Data Cleaning

June 2023

- Developed a predictive analytics model to identify at-risk individuals with 85% accuracy.
- Integrated real-time alert systems for healthcare professionals, reducing response time by 30%.
- Analyzed 500,000+ data points using NLP techniques, significantly improving model precision and reliability.

SKILLS

Technical Skills: CSS, JavaScript (basic), and Python libraries – numpy, pandas, scikit-learn, matplotlib

Operating Systems: Windows, Linux | Database Systems: SQL, SQLite.

Software: Visual Studio Code, Jupyter Notebook, GitHub, PowerBI, Advanced Excel, JIRA, MS Office.

COURSES AND CERTIFICATIONS

Crash Course on Python | Google

Web Development Bootcamp | Dr. Angela Yu

Introduction to Business Analytics | Tableau Learning Partner

Google Data Analytics Certificate | Google (ongoing)

LEADERSHIP AND INVOLVEMENT

Information Technology Department – BVCOE | Mumbai, Maharashtra

June 2022 - May 2023

PR and Marketing Head and Core Member

- Spearheaded marketing strategies for 4 department events, increasing attendance by 30%.
- Strengthened stakeholder relationships through effective communication, ensuring seamless event execution.

Student Council – BVCOE | Mumbai, Maharashtra

August 2021 - March 2023

Core Member

- Organized 10+ events to promote student participation, increasing engagement by 40%.
- Streamlined event planning and post-event analysis, enabling continuous improvements.

ACCOMPLISHMENTS

- **Runner-Up:** Start-Up Idea Competition | E-Cell Organization | Delivered 'Agro-India' pitch, securing 2nd place out of 50 competitors.
- **Speaker:** ARISE-21 International Paper Presentation | Presented "The Simulation Of Human Intelligence: Artificial Intelligence", reaching a technical audience of 200 participants.