

# CHITVAN NAGAICH

Tempe, Arizona, USA

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## EDUCATION

### B.K.D ALDRICH PUBLIC SCHOOL

HSC(Science) : Computer Science

2018-2019

Orai, India

### Thakur College of Engineering & Technology

B.E. Information Technology CGPA: 8.48

2020-2024

Mumbai, India

### Arizona State University

Masters in Business Analytics (MSBA) (ongoing)

2024-2025

Arizona, USA

## COURSEWORK / SKILLS

- Python
- Web Development/CSS Tailwind
- DataAnalysis
- Artificial Intelligence
- Machine Learning
- Microsoft Excel
- MySQL

## PROJECTS

### Disaster and Landslide Management System (Published in International Journal Multicon 2024-ICICN).

- Utilized advanced image segmentation techniques to accurately identify landslide-prone areas, achieving a precision of 79.91% and F1-score of 69.94%.
- Conducted a benchmark comparison against existing approaches, showcasing significant improvements across all performance metrics
- Improved accuracy, precision, recall, and computational efficiency in landslide prediction, outperforming traditional methods.

### Data Analysis in Python (minor)

- Conducted a comprehensive data analysis of Diwali sales across India using Python. Cleaned and processed large datasets with Pandas and NumPy, performed exploratory data analysis with Matplotlib and Seaborn, and identified key sales trends, customer behaviors, and regional differences. Insights from the analysis helped in understanding purchasing patterns and optimizing marketing strategies for peak festive sales periods.

## INTERNSHIP

### Vline Infotech Pvt Ltd.

Artificial Intelligence Intern

16/01/ 2023 - 16/04/23

Remote

- Contributed to the development and implementation of AI-driven solutions, including data preprocessing, model training, and performance evaluation.
- Collaborated with cross-functional teams to enhance machine learning models, optimize algorithms, and support the deployment of AI applications.

## CO/EXTRA-CURRICULAR ACTIVITIES

### SN Academy

Volunteer Teacher

2020-2021

Orai, India

- Taught 4 different batches of underprivileged children which consisted of 60-70 students each during the COVID-19 pandemic, providing educational support to students who faced challenges with remote learning.

### Nazareth Foundation

Volunteer

2020-2021

Mumbai, India

- Supported the mission of Nazareth Foundation by organizing and leading teams of volunteers providing hands-on assistance in various community outreach programs, including food distribution, educational support, and health awareness campaigns which impacted lives of 1000+ individuals in a positive manner.

### Junoon Foundation

Volunteer

2020-2021

Mumbai, India

- Volunteered and led a team of 10 volunteers at Junoon Foundation, contributing to community development initiatives that impacted over 500+ individuals in education, health, and social welfare programs.

### Model United Nations (TCET)

Marketing Head

2022-2023

Mumbai, India

- Managed a team of 25 members, overseeing the development and execution of digital and offline marketing strategies, including social media, email campaigns, and promotional events that resulted in registration from 400+ participants and secured sponsorships from various organizations, enhancing event visibility and funding.

### **Indian Youth Parliament (TCET)**

Marketing Head

**2022-2023**

*Mumbai, India*

- Spearheaded marketing initiatives for the Indian Youth Parliament at TCET, achieving registrations from 200+ participants through innovative outreach strategies and 80% improvement in overall attendee satisfaction ratings.

### **College Basketball Team**

Team Member

**2022-2024**

*Mumbai, India*

- Played a key role in strategizing and executing game plans, helping win 2 consecutive gold medals in high-pressure tournaments, demonstrating strong teamwork, discipline, and athletic prowess.

### **The 8th Note Band**

Flutist

**2022-2024**

*Mumbai, India*

- Performed as a flutist with the 8th Note Band, contributing to award-winning performances at various prestigious events, including the G20 Summit and TEDx.

### **ANON Models**

Model

**2023-2024**

*Mumbai, India*

- Represented the agency in various fashion shows, photoshoots, and promotional events, consistently delivering professional and impactful performances.

## **CERTIFICATIONS**

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- Business Analytics (Customer and Operation analysis)
- Data Analysis by Google ( Specialization)
- Machine Learning: AI, Python
- Linux - Spoken Tutorial by IIT BOMBAY
- Introduction to Financial Engineering and Risk Management

