

# VISHAAL PRASAD

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(425) 520-6774 / Los Angeles, CA 90024 | US Citizen

## EDUCATION

### UCLA ANDERSON SCHOOL OF MANAGEMENT

Los Angeles, CA

*Master of Science in Business Analytics (MSBA)* | Merit-based Fellowship Recipient Expected December 2023

- Competitive Analytics, Customer Analytics, Operations Analytics, SQL & Basic Data Management, Prescriptive Models, Business Fundamentals for Analytics, Statistical Foundations for Analytics

### COLLEGE OF ENGINEERING, PUNE

Pune, India

#### *Computer Engineering*

May 2022

- Data Analytics with Python, Probability and Statistics for Computing, Financial Engineering, Database Management Systems, Data Science, Artificial Intelligence, Internet of Things
- *Electronic Health Record Management using Hyperledger Fabric*, 6<sup>th</sup> International Conference on Computing, Communication, Control and Automation (ICCUBEA) August 2022

## TECHNICAL SKILLS AND CERTIFICATIONS

- **Languages:** Python, R, JavaScript, SQL, C, HTML, CSS, Shell Scripting
- **Software:** Tableau, MS Office (Excel, PowerPoint, Word), Hyperledger Fabric, Git, LaTeX
- **Certifications:** MS Excel – Advanced Formulas and Functions, Tableau Data Analyst/ Specialist Desktop

## PROJECTS

### STOCK PREDICTION APPLICATION USING SENTIMENT ANALYSIS

- Developed **Python** application to clean data containing Unicode and bad characters and web scrape Yahoo Finance websites through APIs to for **Credit Suisse**
- Generated sentiments using news descriptions based on company Tickers, enabling users to compare shares and bonds of 100s of companies in Q2 2021

### BLOCKCHAIN-BASED PATIENT DATA MANAGEMENT SYSTEM

- Designed blockchain-based system using **Hyperledger Fabric** to share sensitive medical data while enhancing data integrity and interoperability of electronic health records
- Deployed chaincodes containing smart contracts and created secure identities via Certificate Authorities in Docker, enabling doctors to track patient medical history easily
- Analyzed existing Ethereum and IoT-based healthcare systems to improve latency by ~5% and throughput by ~1%

### CORRELATING NUMBER OF BENEFICIARIES AND FUNDS

- Forecasted number of applicants qualifying for financial aid and funds necessary to meet that demand based on student's academic record and financial status for "The Power of One" educational trust in **Tableau**
- Established new student eligibility criteria using multiple regression, increasing number of donors by ~14% and awardees by ~9% for next academic cycle

## PROFESSIONAL EXPERIENCE

### ZS ASSOCIATES

Pune, India

#### *Business Technology Intern*

Summer 2021

- Analyzed 8 years of historical data collections to create visualizations in **Tableau**
- Reduced administrative costs using **prescriptive analytics** by ~7% and identified risk of developing complications after surgeries using **predictive analytics** by ~11%

## LEADERSHIP AND CO-CURRICULARS

- Ranked in top ~0.5% of worldwide players in 2021-22 Fantasy Bundesliga and top ~3% of worldwide players in 2021-22 Fantasy Premier League analytics games
- Elected 'Head Event Planner' of national quiz competitions Vishveshvaraiya Memorial Quiz and Indikya and winner of Indradhanush heritage quiz and Rajkumar Agarwal debate competitions at COEP Debate and Quiz Club