Chetana Priya Ghanta.

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EDUCATION

W. P. Carey School of Business at Arizona State University   August 2023 – December 2024

Master of Science, Business Analytics (Specialization: Fintech)   GPA: 4/4   Tempe, AZ

- Relevant Coursework: Enterprise Data Analytics, Descriptive and Predictive Analytics, Machine Learning in Business, Business Process Analytics, Analytical Decision Modelling, Managerial Finance, Financial Accounting, Investment Strategies.

Andhra University   August 2019 – May 2023

Bachelor of Technology, Computer Science   GPA: 8.84/10   Visakhapatnam, India

- Relevant Coursework: Data Mining and Data Warehousing, Machine Learning, Database Management Systems, Operations Research, Probability Statistics and Queuing Theory

PROFESSIONAL EXPERIENCE

Project Assistant   January 2023 – May 2023

Andhra University   Visakhapatnam, India

- Collaborated with Head of Department to develop an automated system for the university's newly constructed dormitories, leveraging real-time student data, reducing approximately 5 human hours per day.
- Utilized a combination of HTML, CSS, PHP, and MySQL to create a comprehensive platform for managing student information, including attendance, payments, and administrative tasks.

Data Science Intern   November 2022 – December 2022

Let's Grow More   UP, India (Remote)

- Engaged in diverse data science projects, spanning from iris classification to natural language processing, demonstrating versatility in data analysis.
- Conducted data cleaning, exploratory data analysis, and feature engineering resulting in an average 15% improvement in data quality and model performance.
- Utilized various performance evaluation metrics to fine-tune machine learning models, contributing to data-driven decision-making.

Web Development intern   August 2022 – September 2022

Oasis Infobyte   Delhi, India (Remote)

- Developed 5 end-to-end user interfaces utilizing HTML, CSS, and JavaScript.
- Designed and implemented robust backend databases with MySQL and XAMPP, ensuring efficient data storage, retrieval, and management.

PROJECT EXPERIENCE

Predictive Analysis on Stock performance Trends using financial news   January 2024 – Present

- Contributed to an advanced unstructured data analysis project under the guidance of a professor, employing text mining and natural language processing techniques to analyze financial news.
- Applied techniques like topic modeling, sentiment analysis, assessing the influence of news sentiment and themes on stock market fluctuations. It involved a detailed examination of the correlations between media coverage and stock market performance, contributing valuable insights to the field of financial data analysis.

Optimization Model for Yuva Infra (Indian Construction Company)   October 2023 – November 2023

- Successfully built an optimization model for profit maximization with efficient management of variables, which include all construction inputs and finances in compliance to the industry standards. Key Performance Indicators (KPIs) include Cost Efficiency, Time Management and Profit Maximization.
- The model and the inferences are presented to the company to help them with the operational efficiency and financial planning, making necessary changes to their business strategy for improved sales and profit.

Automated Hostel Management System   January 2023 – May 2023

- Successfully deployed a cross-functional intuitive web interface for efficient management of resident records, room allocation, and fee tracking, contributing to better data handling, financial management and improved user experience.
- The website remains in active use by the university, contributing to efficient student data management and enhancing operational processes, and better networking.

SKILLS & ACTIVITIES

- **Technical Skills:** Python, SQL, Tableau, Minitab, Anova, C, HTML, CSS, Power BI, Business Analysis
- **Computer Skills:** Jupyter Notebook, VS Code, MySQL, MS Office, Excel
- **Other Skills:** Communication skills, Entrepreneurial skills, Leadership, Teamwork
- **Activities:** Member – Women of Finance Student Organization(ASU),
        Member – Finance and Accounting Career Club (ASU)