

# Anirudh Nerella

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## Education

### Ohio State University - Fisher College of Business, Columbus, OH

May 2023

- Master of Science in Finance

### Gandhi Institute of Technology and Management (GITAM), India

June 2021

- Bachelor of Technology in Computer Science

## Work Experience

### Morgan Stanley, Baltimore, MD

April 24 – Present

#### Data Analytics & Reporting

- Prepared daily to quarterly **P&L** analyses with 100% accuracy and SOX-compliant reporting standards.
- Led forecasting, and journal entry processing for cash and investments, improving **financial reporting** accuracy by 20%.
- Managed period-end close tasks—mark-to-market, FX adjustments, accruals—reducing close cycle time by 10%.
- Collaborated with merchant banks, operations, and IT to optimize workflows and coordinated error-free year-end audits.
- Developed **Alteryx** workflows to accelerate P&L generation and reduce errors, boosting efficiency by 60%.
- Applied **Excel** techniques (Macros, PivotTables, What-if Analysis) and **SQL** for detailed cash and accounting **data analysis**.
- Streamlined ad hoc reporting and analyzed balance sheets and funding sources using **Python**, **Tableau**, and **Power BI** to enhance stakeholder transparency.

### VELA Investment Management LLC, Columbus, OH

February 2023 – May 2023

#### Research Analyst Intern

- Led a 5-year data-driven growth strategy using Python, Excel, and ML forecasting tools, exceeding AUM growth targets by 15% across 1, 3, and 5 years.
- Built **DCF** models in Python with **NumPy** and **SciPy**, forecasting a 20% AUM increase and demonstrating strong **financial modeling** capabilities.
- Conducted strategic market analysis using **Pandas**, Scikit-learn, and Tableau, driving a 10% client segment expansion through actionable insights.

### Tata Consultancy Services, India

July 2021 – July 2022

#### System Engineer

- Automated financial data extraction and preprocessing using Python (Pandas, NumPy), SQL, and Excel (**VBA**, **VLOOKUP**), boosting data pipeline efficiency by 20%.
- Created interactive **dashboards** and **visualizations** with Tableau, and Matplotlib to uncover cost-saving insights, reducing labor and material expenses by 6%.
- Streamlined ticket resolution by integrating **Jira** with Python scripts for data tracking and **analytics**, improving resolution time by 2%.
- Configured cloud infrastructure on **Azure** to support scalable data environments, improving operational reliability and resource management, recognized in budget reviews.

## Relevant Projects

### Predictive Financial Modeling for Stock Price Forecasting

- Built a stock price prediction model for diverse assets using Python and **TensorFlow**.
- Leveraged Matplotlib and **Plotly** for creating interactive stock performance visualizations, enabling intuitive portfolio management decisions, and attracting new investors through visually compelling presentations.

### Portfolio Management

- Used **RSI** and other indicators for stock and **ETF** selection through advanced technical analysis.
- Incorporated rigorous data visualization and financial analysis, including Discounted Cash Flow and diverse valuation ratios, resulting in a winning portfolio strategy with an outstanding 47.22% annual return, outperforming the S&P 500.

## Skills and Interests

- **Technical:** Python, SQL, Java, Tableau, Alteryx, Excel (VBA, array functions, etc.), Power BI, Essbase and Bloomberg.
- **Skills:** Data Analysis, Valuation & Risk Management techniques, Consulting, KPI Management, communication, multi-tasking, attention to detail, teamwork and project management.
- **Relevant Coursework:** Statistical Analysis, Machine Learning, Financial Modeling, Time Series Analysis, Data Mining, Econometrics, Python Programming, Data Visualization, Risk Management, Quantitative Finance, Big Data Analytics
- **Frameworks/libraries:** Kafka, Docker, Kubernetes, Jenkins, Git, Jira, Apache Spark, Keras, Scikit-learn, Flask, Pandas, NumPy.
- **Certifications:** Wall Street Prep (Financial Modelling, DCF & Comps Valuation, Excel & Accounting), CFA level 1 candidate.