

# Mohan Panwar

mohanpanwar2005@gmail.com | 408-669-9483 | <https://mohanp2005.github.io/mohan-panwar-portfolio/>

## WORK EXPERIENCE

### True Markets

*Data Analyst Intern | New York, NY*

June 2025 - August 2025

- Developed interactive dashboards in Tableau tracking KPIs, giving leadership a clear idea of growth metrics
- Cleaned and analyzed market datasets (5k+ records) to identify market trends supporting strategic decisions
- Automated reporting workflows using Python, reducing manual data processing time by ~ 30%

### True Markets

December 2024 - January 2025

*Data Analyst Intern | New York, NY*

- Conducted competitor market analysis across 20+ firms, creating insights that guided feature design decisions
- Built 5 internal presentation decks communicating growth and future goals to leadership and investors
- Organized research findings into weekly intelligence reports for ongoing strategic planning workflows

### Basketball Trainer

Summers 2021 - 2024

*Self-Employed | Sunnyvale, CA*

- Provided skill-based basketball training to 25+ athletes, monitoring performance improvements over time
- Managed scheduling, payments, and communication, maintaining 90%+ client retention across four years
- Designed personalized training programs using performance feedback to optimize development for each client

## EDUCATION

### Rutgers University

Expected May 2027

*B.S. Data Science | Economics Track, New Brunswick, NJ*

- Activities: Rutgers Enactus, Blockchain & Cryptocurrency Club, Calisthenics Club, Salsa Club

## PROJECTS, LEADERSHIP, & DEVELOPMENT

### TrueScore Project | True Markets

- Spearheaded the design and launch of TrueScore, a token integrity scoring dashboard evaluating 300+ Solana tokens based on liquidity, volatility, and wallet behavior
- Collaborated with data and product teams to define KPIs, optimize visualization design, and align analytics with company goals

### Housing Price Foresight | Personal

- Built ML-powered housing price forecasting app predicting 5-year trends for 26,000 ZIP codes using SARIMAX and XGBoost models, deployed on Streamlit Cloud
- Integrated 4 data sources to process 300 months of historical data with automated caching, reducing API load by 90%
- Developed end-to-end ML pipeline with feature engineering and two forecasting algorithms with interactive visualizations

### Algorithmic Trading Bots | Personal

- Built multiple trading bots using Python and machine learning to generate real-time buy/sell signals
- Designed and trained models on historical data using scikit-learn, XGBoost, and Optuna
- Designed live trading bot running via GitHub Actions, automating daily predictions and model updates

## SKILLS & INTERESTS

- **Languages:** Python, SQL, Java, R, C/C++
- **Tools:** Tableau, Pandas, Scikit-Learn, XGBoost, Streamlit, Metabase
- **Skills:** Feature Engineering, Time Series Modeling, API Integration, Web Scraping, Trading Bot Development, Dashboard Development
- **Interests:** Futures & Crypto Trading, Anime, Gaming, Basketball, Rock Climbing