

# Munqiz S. Minhas

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Data Analyst with a certificate in Fintech from Arizona State University and skilled in Python, Pandas, and Machine Learning. Proven technical and leadership aptitude in data analysis and financial modeling and forecasting. Qualifications encompass collaborating across teams to define needs, evaluate risks and issues, and implement solutions. Enjoys leveraging background and skill set to support detailed and efficient analysis.

## EDUCATION

### Arizona State University, Bootcamp— *FinTech Certification*

JUL 2022 - JAN 2023

Participated in a comprehensive program covering various topics in the financial technology industry, including blockchain, cryptocurrency, and data analytics.

Developed skills in coding languages such as Python and Solidity, and worked on projects using agile development methodologies.

Contributed to the development of a market analysis and investment recommendation tool, utilizing data analysis and visualization techniques to create a user-friendly interface for potential clients.

### Mesa Community College, Mesa, AZ — *Field of Study: Computer Science (in progress)*

AUG 2019 - DEC 2021

Completed an Introduction to Computer Science course, which introduced me to foundational concepts in programming and data structures.

Developed my soft skills by taking public speaking courses, which helped me build confidence in my communication abilities.

Despite my interest in FinTech, I had to pause my studies at Mesa Community College as the school does not offer a FinTech degree. However, I am actively searching for other institutions that offer this program so I can continue my education and reach my career goals.

## PROJECTS

### Impacts of the Pandemic on Phoenix Housing — [https://github.com/Mun-Min/Project\\_One](https://github.com/Mun-Min/Project_One)

Conducted market research on the Phoenix housing market to assess the impact of the Pandemic on housing availability, prices, and the presence of institutional investors.

Analyzed data from various sources, including real estate listings, market reports, and industry news articles, to gain insights on current trends and patterns in the housing market.

Collaborated with team members to develop a comprehensive report outlining our findings and recommendations for future market analysis.

**Concepts/Technologies used:** Python/Pandas, Yahoo Finance API, hvPlot, ETL

### Developing an Investment Portfolio Utilizing Machine Learning — [https://github.com/Mun-Min/Project\\_Two](https://github.com/Mun-Min/Project_Two)

Led a team in developing 3 investment portfolios using machine learning and traditional financial metrics.

Conducted Monte Carlo projections to analyze the long-term performance of a stock portfolio.

Demonstrated strong knowledge and understanding of financial markets and investment strategies.

**Concepts/Technologies used:** Python/Pandas, Yahoo Finance API, hvPlot/pyPlot, Machine Learning, ETL

### Developing an Investment Portfolio via ChatBot — [https://github.com/Mun-Min/Project\\_3](https://github.com/Mun-Min/Project_3)

Led the development of a chatbot project to create a user-friendly tool for investment portfolio recommendations.

Utilized Python, Streamlit, and Machine Learning to build and design the chatbot UI and functionality.

Applied Machine Learning algorithms to model the performance of various investment options, including stocks, bonds, and cryptocurrency.

## SKILLS

### Software:

Git/GitHub, Python, Pandas, Markdown, hvPlot, geoViews, API Interactions, Machine Learning (Scikit-Learn, TensorFlow, Keras), Blockchain/CryptoCurrency, Smart Contracts (Solidity, Ganache, MetaMask, Python Web3)

### Database Management:

SQL (PostgreSQL), AWS (Lambda, Lex, SageMaker, S3), IBM Cloud (Object Storage)

### Soft Skills:

Proficient problem-solving and communication skills

Strong customer service skills

Ability to adapt to new technologies

Ability to contribute to a team environment

### Languages:

English

Urdu (Intermediate)

Concepts/Technologies used: Python/Pandas, Yahoo Finance API, Streamlit, Plotly, Machine Learning, ETL

## EXPERIENCE

### **Omni Interactions LLC, Remote — *Customer Service Representative***

NOV 2021 - DEC 2021

Responded to customer inquiries and complaints in a timely and professional manner, utilizing excellent verbal and written communication skills.

Assisted customers with product or service information, troubleshooting issues, and finding solutions to meet their needs.

Processed orders and returns accurately and efficiently, ensuring customer satisfaction

### **MakerFlo, Chandler, AZ — *Package Handling & Distribution Associate***

MAY 2019 - JULY 2019

Participated in the preparation and dispatch of customer orders, including the accurate packaging of products according to company guidelines.

Collaborated with team members to ensure efficient and timely processing of packages for delivery.

Assisted in the receiving and sorting of incoming packages, verifying and recording contents and adhering to proper handling procedures.

Maintained a clean and organized work environment to ensure the smooth operation of daily package handling tasks.

### **St.Vincent DePaul, Phoenix, AZ — *Volunteer***

APRIL 2018 - APRIL 2019

Volunteered to package meals for the homeless population and distribute them to those in need.

Helped to sort and organize donated clothing for distribution at the warehouse.

Worked with team leaders to identify and provide personalized assistance to particularly vulnerable individuals.