# Omar Abusheikh

Machine Learning | Data Science | Analysis | Research | Reporting

Austin, TX 78741 | +1-512-963-9461 | oabusheikh@gmail.com | linkedin | github | portfolio | US Citizen

## Summary

Highly motivated and Results-driven Data Scientist capable of wearing many hats, with over 7 years of experience programming in Python, working with various database types (including SQL and NoSQL), as well as front-end visualization and presentation capabilities using platforms like Tableau. Experienced working with various Machine Learning frameworks in python, such as Keras, TensorFlow, scikit-learn, and PyTorch, coupled with a strong grasp of the underlying mathematics involved. Maintains an insatiable appetite to learn and grow while aspiring to become the optimal asset to any organization.

## Professional Experience

**Capitale Investments** - Ridgewood, NJ          *Research Analyst / Consultant*          2019 – Present

- Conducted macroeconomic analysis of multiple sectors, including semiconductors, energy, and blockchain technology, to identify investment opportunities for clients.
- Utilized microeconomic analysis to evaluate individual stocks and make informed investment decisions using various data science tools.
- Assisted auditing team in performing audits and coming into SOX compliance.
- Collaborated with cross-functional teams to develop data-driven investment strategies and recommendations, and maintained up-to-date knowledge of market trends and emerging technologies to provide valuable insights.

**Tabscanner** (Start-up) - Austin, TX     *Machine Learning Engineer / Consultant*     2019 – 2020

- Maintained and documented a production API that was utilized by over 20 organizations across 5 countries.
- Continual optimization of a machine learning model by adjusting parameters and re-training the prediction algorithm.
- Collaborated with cross-functional teams to implement features and enhancements to the production API.

**Advanced 1** - Georgetown, TX          *Project Specialist (SQL Database)*          2016 – 2019

- Managed SQL databases (including Oracle 11g) for telecommunications companies such as Charter Communications, serving over 15 million American customers.
- Led Technical Services Group operations, streamlining processes, optimizing workflows, and developing and implementing processes that resulted in cost savings of over $100K in two years.

**Plasmatronycs** (Start-up) - Austin, TX     *Research Analyst / Consultant*     2013 – 2014

- Conducted market research and evaluated commercial viability of waste-to-energy tech (plasma gasification)
- Prepared a successful business plan that secured advancement to ATI's SEAL Program (2014 TX Venture Labs)

## Education

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| **University of Texas at Austin** | *Bachelors in Mathematics* | 05/2012 |

## Certifications

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| **Tableau** | *Certified Data Analyst* | 02/2022 |
| **Deeplearning.ai** | *Deep Learning Specialization* | 12/2019 |
| **UT Austin**, McCombs School | *Data Analysis & Visualization Certificate* | 04/2019 |
| **University of Pennsylvania** | *Business Foundations Certificate* | 11/2016 |