

Colin Arndt

Data Scientist | San Diego, CA

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SUMMARY

Earning Masters Degree in Data Science & Financial Technology at the University of London, graduating September 2022, with coursework in Applied Statistics, Linear Algebra, Regression Analysis, Machine Learning, Big Data, Neural Networks, Data Visualization, Financial Markets and Modeling, and Blockchain Programming. Skilled in extracting meaningful information from raw data, developing machine-learning models to forecast trends and communicating insights to a range of stakeholders so they can make confident data-driven decisions. Track record of delivering the highest quality solutions to resolve challenges and propel business growth.

Languages: Python, SQL, Bash, HTML, CSS

Libraries: Numpy, Pandas, Sklearn, Keras, TensorFlow, Plotly, Matplotlib, BeautifulSoup, OpenCV

Tools: Jupyter, Hadoop, Spark, Google Analytics, Git, Anaconda

PROJECTS

Evaluating Bitcoin's Correlation with Traditional Assets before and after the March 2020 Crash

- Imported, cleaned and validated price data for the major assets using Yfinance, Python, Numpy and Pandas
- Presented analysis using Rolling correlation window plots with Matplotlib and Heatmaps with Seaborn

Building an n-fold Cross Validation K-Nearest Neighbor Classifier from Scratch

- Implemented a full k-NN classification pipeline, including classifier evaluation, without relying on sklearn libraries
- Provided automatic detection and selection of optimum parameter values

EXPERIENCE

Pilates on Harrison

Remote

Marketing and Business Intelligence Analyst

Nov. 2018 – May 2021

- Offered partnership share in recognition of outstanding contributions to business
- Implemented client surveys, processing results from 200+ responses with key conclusions

Mac Tonic

Eugene, OR

Chief People Officer

Feb. 2018 – Sept. 2019

- Hired and trained 5-member team, maintaining a culture of inclusion and respect for all types of people
- Overhauled service documentation system resulting in 20% increase in staff efficiency

Lead Support Specialist

Nov. 2015 – Jan. 2018

- Diagnosed and resolved the most challenging customer issues across hardware, software and services
- Automated and streamlined diagnostic procedures, yielding 25% increase in service profits

C3 IT Solutions

Madison, WI

Computer Support Specialist

Sept. 2007 – Nov. 2015

- Consulted on solutions for data backups and security, virtualization, kiosk devices, VPNs and more
- Developed front-end websites in WordPress and Drupal with ecommerce and CRM functionality

EDUCATION

B.A. Psychology

Sonoma State University

Cotati, CA