

Colin Arndt

☎ 858.281.3748 | ✉ colin.f.arndt@gmail.com | 🌐 colinarndt | San Diego, CA

SUMMARY

Earning Masters Degree in Data Science & Financial Technology at the University of London, graduating March 2023, 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: AWS, Spark, Jupyter, Git, Google Analytics, Anaconda

PROJECTS

Evaluating Asset Correlations before and after the March 2020 Crash

- Imported, cleaned and validated price data for major asset classes using Python, Numpy, Pandas and Yfinance
- 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

Nuveen, A TIAA Company

Technical Associate

Remote

Jan. 2022 – Present

- Transforming and migrating over 13,000 portfolio files from on-premise archive to AWS

Pilates on Harrison

Marketing and Analytics

Remote

Nov. 2018 – May 2021

- Set business KPIs and implemented marketing strategy resulting in 2x online subscribers over 5 months
- Offered partnership share in recognition of outstanding contributions to business

Mac Tonic

Manager

Eugene, OR

Nov. 2015 – Sept. 2019

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

C3 IT Solutions

Owner and Computer Support Specialist

Madison, WI

Sept. 2012 – Nov. 2015

- Consulted on solutions for data backups and security, virtualization, kiosk devices, VPNs and more
- Developed front-end websites and provided search Engine Optimization services

CERTIFICATIONS

AWS Certified Solutions Architect

Associate Level

Anticipated Feb. 2022